National Energy Board

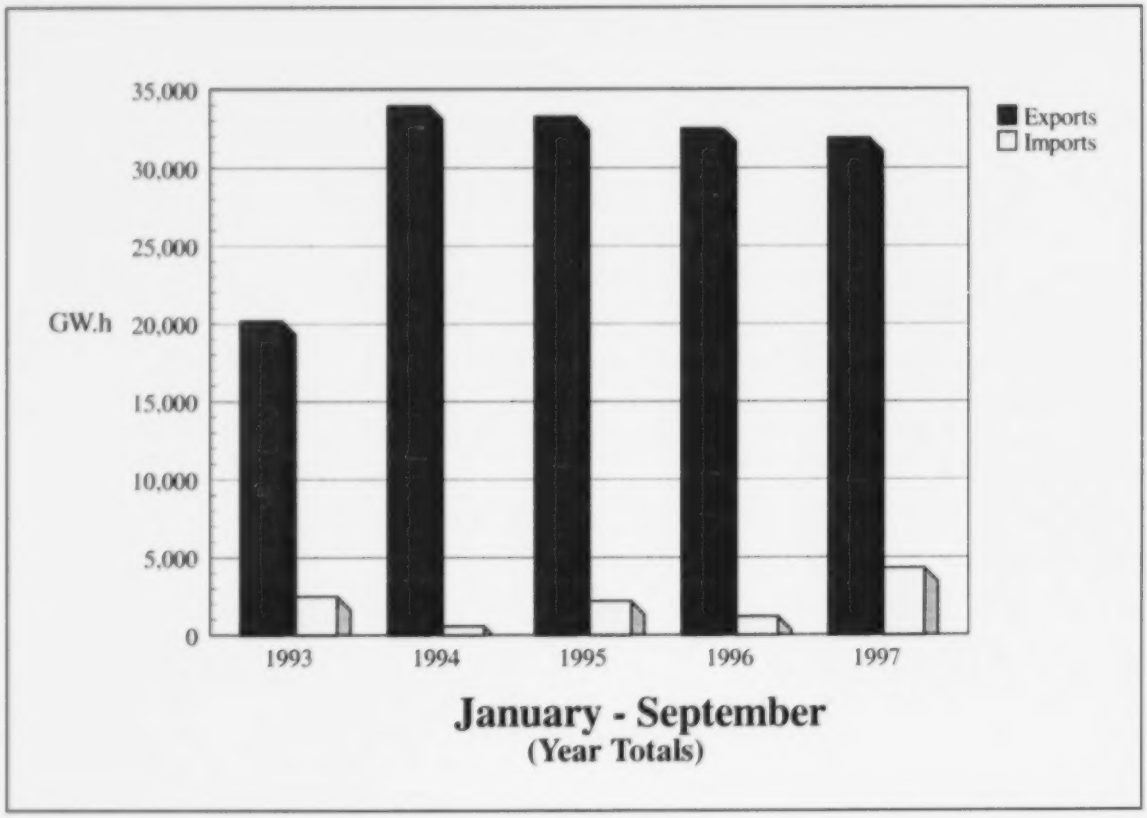
Office national de l'énergie

Electricity Exports and Imports

Monthly Statistics for:

September 1997

Exports: **3792** GW.h
Imports: **649** GW.h



National Energy Board
Office national de l'énergie

CANADA

TABLE 1
Exports and Imports of Electricity
Summary: Canada
SEPTEMBER 1997

	Exchange Type	Energy (MW.h) SEP97	Energy (MW.h) JAN97 - SEP97	Revenue (CAN$) [1] SEP97	Revenue (CAN$) [1] JAN97 - SEP97	CAN$/MW.h [2] SEP97	CAN$/MW.h [2] L12M
Exports of Electric Energy	Firm	1 407 702	12 339 530	56 977 324	505 404 407	27.49	27.45
	Interruptible	2 383 810	19 534 360	61 888 579	492 141 072	25.04	24.68
	Non-Revenue/Inadvertant	102 696	1 001 071	0	0	0.00	0.00
	Service	87 772	665 967	120 193	626 198	1.37	0.76
Total Exports		**3 981 979**	**33 540 928**	**118 986 096**	**998 171 676**	**24.74**	**24.43**
Total Sales - Firm and Interruptible		3 791 511	31 873 890	118 865 903	997 545 478	25.95	25.79
Imports of Electric Energy	Non-Revenue/Inadvertant	63 697	773 759	0	0	0.00	0.00
	Purchase	649 229	4 302 883	17 939 561	102 403 277	21.91	13.97
	Service	80 153	652 103	43 362	128 520	0.54	0.27
Total Imports		**793 079**	**5 728 745**	**17 982 923**	**102 531 797**	**17.99**	**9.99**
Excess of Exports Over Imports		**3 188 901**	**27 812 183**	**101 003 173**	**895 639 879**		

Number of Export Licences: 17

Number of Export Permits/Orders: 79

96

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

For further information, contact:
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CANADA

TABLE 2A

Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) SEP97	Energy (MW.h) JAN97 - SEP97	Revenue (CAN$) [1] SEP97	Revenue (CAN$) [1] JAN97 - SEP97	CAN$/MW.h [2] SEP97	CAN$/MW.h [2] L12M
Alberta								
TransAlta	Permit 74	F	0	600	0	36 000	0.00	60.00
TransAlta Ener.		F	40 284	60 218	733 270	1 135 350	18.20	18.85
TransCanada	Permit 78	I	0	21 500	0	523 084	0.00	25.67
Subtotal Firm and Interruptible Exports: Alberta			**40 284**	**82 318**	**733 270**	**1 694 434**	**18.20**	**21.00**
British Columbia								
BC Hydro	Permit 105	F	802	1 338	2 401	70 243	3.00	52.48
	Treaty	N	9 749	225 178	0	0	0.00	0.00
BC Hydro/Powerx	Permit 43	I	1 176 375	5 200 623	30 991 354	114 102 193	26.34	22.91
Cominco	Permit 57	I	26 968	136 747	681 727	2 714 704	25.28	22.99
Powerex	Permit 71	F	4 855	4 855	177 939	177 939	36.65	35.54
	Permit 92	F	82 800	502 205	0	0	0.00	0.00
	Permit 95	F	4 940	27 120	188 707	1 213 081	38.20	41.50
West Kootenay	Permit 13	F	0	23	0	1 320	0.00	60.16

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
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CANADA

TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) SEP97	Energy (MW.h) JAN97 - SEP97	Revenue (CAN$) [1] SEP97	Revenue (CAN$) [1] JAN97 - SEP97	CAN$/MW.h [2] SEP97	CAN$/MW.h [2] L12M
West Kootenay	Permit 66	I	0	15 022	0	162 847	0.00	10.84
Subtotal Firm and Interruptible Exports: British Columbia			**1 296 740**	**5 887 934**	**32 042 127**	**118 442 327**	**24.71**	**20.63**
Manitoba								
Manitoba Hydro	Licence 170	F	276 970	2 466 823	12 174 219	112 674 503	22.77	22.35
	Permit 33	F	19 377	226 726	376 511	4 255 581	18.57	18.70
	Permit 34	F	16 350	132 702	249 003	2 587 150	19.32	20.03
	Permit 35	F	10 635	112 954	250 352	2 437 732	21.35	21.39
	Permit 45	F	116 896	1 105 555	2 349 283	22 350 853	19.05	19.88
	Permit 46	I	584 810	4 579 968	9 595 438	77 529 555	16.38	17.29
		N	7 948	-24 158	0	0	0.00	0.00
		S	0	25 415	0	84 495	0.00	2.03
	Permit 52	F	5 975	32 046	285 012	1 489 360	22.64	22.85
	Permit 61	F	267	3 433	14 068	155 339	52.78	45.49
	Permit 68	F	14 750	65 710	466 716	2 333 875	14.42	15.97
Subtotal Firm and Interruptible Exports: Manitoba			**1 046 030**	**8 725 917**	**25 760 603**	**225 813 947**	**18.52**	**19.24**
New Brunswick								
Fraser Inc.	Permit 102	F	28 815	221 220	1 821 918	14 807 986	63.23	66.94

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

103-03231/

National Energy Board
Office national de l'énergie
CANADA

TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) SEP97	Energy (MW.h) JAN97 - SEP97	Revenue (CAN$) [1] SEP97	Revenue (CAN$) [1] JAN97 - SEP97	CAN$/MW.h [2] SEP97	CAN$/MW.h [2] L12M
Maine & NB	Licence 177	F	1 938	70 027	116 783	1 913 961	16.40	16.41
NB Power	Permit 15	I	27 900	787 967	933 455	30 752 465	33.46	39.05
		N	- 664	- 126	0	0	0.00	0.00
	Permit 16	I	28 870	228 057	1 097 086	9 456 067	38.00	41.98
		N	7 168	17 204	0	0	0.00	0.00
	Permit 17	S	8 517	59 573	0	0	0.00	0.00
	Permit 18	I	3 666	45 479	180 147	2 199 997	49.14	48.38
		N	110	-58	0	0	0.00	0.00
	Permit 28	F	3	31	397	3 882	115.78	123.24
	Permit 47	F	4 312	41 850	338 749	3 252 036	49.96	57.90
	Permit 48	I	2 330	22 431	112 685	1 084 853	48.37	48.29
	Permit 91	I	271 933	1 486 697	10 256 338	57 111 708	37.72	38.42
Subtotal Firm and Interruptible Exports: New Brunswick			**369 767**	**2 983 758**	**14 857 558**	**120 583 015**	**39.62**	**40.70**
Ontario								
Cdn. Niagara	Permit 84	F	11 973	171 537	332 764	3 754 916	27.79	21.14
	Permit 85	S	4 142	100 386	0	0	0.00	0.00
Cornwall Elec.	Permit 82	I	2 236	11 341	43 983	210 369	19.67	17.67
	Permit 83	S	11 702	105 901	0	0	0.00	0.00

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) SEP97	Energy (MW.h) JAN97 - SEP97	Revenue (CAN$) [1] SEP97	Revenue (CAN$) [1] JAN97 - SEP97	CAN$/MW.h [2] SEP97	CAN$/MW.h [2] 1.1250
D&W Subway	Permit 26	F	127	1 297	0	0	0.00	0.00
Ont. Hydro/OMPM	Permit 21	I	227 427	2 903 613	7 335 515	85 576 697	22.76	23.47
		S	14 611	21 772	53	53	0.00	0.00
Ontario Hydro		I	0	2 737 625	0	68 814 993	0.00	25.54
		S	0	63 720	0	60 840	0.00	0.77
	Permit 22	N	55 505	655 676	0	0	0.00	0.00
	Permit 24	F	13	155	25	310	2.00	1.84
Stone Consolid	Permit 75	I	0	126	0	5 600	0.00	45.99
Subtotal Firm and Interruptible Exports: Ontario			**241 776**	**9 820 692**	**7 712 280**	**159 363 170**	**22.97**	**24.49**
Quebec								
Hydro-Quebec	Licence 176	F	503 002	6 159 763	19 967 606	126 926 140	32.62	30.32
	Licence 179	F	6 262	512 906	2 026 810	29 870 701	37.45	31.66
	Licence 180	F	76 763	706 981	7 010 109	73 466 066	35.02	34.00
	Licence 181	F	27 160	256 705	2 450 959	22 266 163	35.02	34.63
	Licence 182	F	13 266	125 071	1 200 641	10 939 011	35.02	34.62
	Licence 183	F	21 126	214 607	2 128 729	20 012 168	35.02	34.61
	Licence 186	F	10 870	117 210	1 106 090	10 506 450	35.02	34.79
	Permit 20	F	0	861	0	59 717	0.00	70.20

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available

National Energy Board
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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (TJ)		Revenue ($ '000) [1]		$/GJ [2]	
			02/03	03/07 - 02/07	02/03	03/07 - 02/07	02/03	03/07
Hydro-Québec	Permit GE	F	30 937	1 267 962	629 924	40 719 071	20.40	29.60
		IN	1 767	31 789	0	0	0.00	0.00
		O	56 650	242 570	1 151	693 611	1.47	1.98
	Permit GF	F	20 677	847 864	1 179 159	36 249 570	56.99	39.79
National Firm and Interruptible Exports: Québec			**797 287**	**0 760 680**	**37 462 742**	**378 769 809**	**55.79**	**55.51**
Saskatchewan								
Sask. Power	Licence 118	N	16 170	46 629	0	0	0.00	0.00
	Licence 119	F	700	69 300	22 029	1 979 976	26.19	24.22
		IN	21 855	97 659	0	0	0.00	0.00
	Permit 69	F	9 925	12 619	270 980	361 165	30.72	29.08
National Firm and Interruptible Exports: Saskatchewan			**9 760**	**93 659**	**294 158**	**1 940 725**	**30.72**	**20.80**
Total Firm and Interruptible Exports:			**3 795 510**	**31 673 898**	**110 967 952**	**997 547 479**	**29.80**	**29.79**

Footnotes:
1 - Includes capacity and energy charges
2 - Average value for the month and the last 12 months (excludes capacity charges)

F - Firm Sales
I - Interruptible Sales
IF - Pipeline (Import)
N - Non-Revenue (Non-Revenue or Implicit)
O - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit GE not available

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TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Page 1
YYYY/MM/DD

Destination	Authorization	Exchange Type	Energy - MWh (a)		Revenue - $ CAD [1]		$ CAD/MWh [2]	
			MM/YY	JAN/YY - MM/YY	MM/YY	JAN/YY - MM/YY	MM/YY	JAN/YY
Alberta								
Transalta	--	IF	22x	2,xxx	x,xxx	xx,xxx	x.xx	xx.xx
Transalta		IF	1,xxx	xx,xxx	3x,xxx	xxx,xxx	2.xx	xx.xx
Subtotal Northbound Imports - Alberta			1,xxx	xx,xxx	xx,xxx	x,xxx,xxx	xx.xx	xx.xx
British Columbia								
BC Hydro		IF	x	xx,xxx	x	x,xxx	x.xx	x.xx
BC Hydro/Powerex		IF	xx,xxx	2,xxx,xxx	x,xxx,xxx	xx,xxx,xxx	x.xx	x.xx
Powerex		IF	xxx	xx,xxx	x,xxx	xxx,xxx	2x.xx	x.xx
Rio xxxxxxxx		IF	xx,xxx	2xx,xxx	x,xxx,xxx	x,xxx,xxx	xx.xx	2x.xx
Subtotal Northbound Imports - British Columbia			xx,xxx	x,xxx,xxx	x,xxx,xxx	xx,xxx,xxx	xx.xx	xx.xx
Manitoba								
Manitoba Hydro		IN	xx,xxx	xx,xxx	x	x	x.xx	x.xx
		IF	x	xx	x,xxx	x,xxx	x.xx	xx.xx

Footnotes:
1 - Includes capacity and energy charges
2 - Average value for the month and for Jan 1 to month-end (excludes capacity charges)

Abbreviations:
IF - Firm Entry
IN - Interruptible Entry
IX - Transborder Exports
Rx - Rate Revenue / Non-Revenue or Export revenue
Ox - Other (e.g. Operating Reserve, Storage, Firm Network Transmission, etc.)

Additional Notes:
Revenue for Powerex (if any) is a credit.

TABLE 2B

Import Summary Report
by Destination, Authorization and Exchange Type

Page: 1
03/11/17

Destination	Authorization	Exchange Type	Energy (MWh)		Revenue (USD) [1]		CO2(MTCO2e) [2]	
			Q4/09	CY2009 - Q4/09	Q4/09	CY2009 - Q4/09	Q4/09	CY2009
Alexandria Region		0	0	0 / 0%	0	0	0.00	0.00
Settlement Point Interval Adjustments - Alexandria			0	0	0.00	0 / 0%	0.00	0 / 0%
Non-Brownsville								
Alexandria		0	0	0 / 0%	0 / 0%	0 / 0%	0.00	0.00
Old Town		0	0 / 0%	0 / 0%	0	0	0.00	0.00
		2	0	0	0	0 / 0%	0.00	0 / 0%
		3	0 / 0%	0 / 0%	0	0	0.00	0.00
Settlement Point Interval Adjustments - Non-Brownsville			0	0	0 / 0%	0 / 0%	0.00	0 / 0%
Others								
Lake Region		0	0.00	0 / 0%	0	0	0.00	0.00
Lakewood Area		0	0	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
		3	0 / 0%	0 / 0%	0	0	0.00	0.00
Old Mill Valley		0	0	0 / 0%	0	0	0.00	0.00
Western Border		0	0 / 0%	0 / 0%	0	0	0.00	0.00

Footnotes:
(1) Revenues = payment + ancillary service charges.
(2) Average value for the reporting period.
Q4 = 1 October - 31 December; CY2009 = January - December

(3) Cross Gulf.
(4) Interregional Ties.
(5) Railroad Adapter.
(6) Total Brownsville = Total Brownsville + Export Amount.
(7) Services = Marketing Revenue, Charges, Fuel Refunds, Transmission, etc.

Authorized Users:
Revenue data for Level 3 users is available.

TABLE 2B

Import Summary Report
by Destination, Authorization and Exchange Type

Year: [redacted]

Destination	Authorization	Exchange Type	Value (000's)		Volume (Units)		Volume (MT)	
			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
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National Energy Board
Office national de l'énergie

TABLE 3A

Export Sales Summary Report by Destination and Source

Destination	Source	Energy (GJ) [1]		Revenue ($) [1]		$/GJ [2]	
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Alberta	British Columbia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: Alberta		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Michigan	Ontario	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: Michigan		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Minnesota	Manitoba	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Ontario	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: Minnesota		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Missouri	Manitoba	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: Missouri		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Montana	British Columbia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Manitoba	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: Montana		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nebraska	Manitoba	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: Nebraska		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New England	New Brunswick	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Ontario	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Quebec	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: New England		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New York	Ontario	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Quebec	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Exports: New York		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges).

Additional Notes:
- Revenue for Arrow #2 not available.

National Energy Board
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TABLE 3A
Export Sales Summary Report
by Destination and Source

Destination	Source	Energy (MMBtu)		Revenue ($ CAN) [1]		$ CAN/MMBtu [2]	
		93/07	93/07 - 94/06	93/07	93/07 - 94/06	93/07	93/07 - 94/06
North Dakota	Manitoba	27 697	91 538	578 572	2 031 708	15.11	18.97
	Saskatchewan	700	69 269	22 325	1 579 578	26.33	24.22
Subtotal Exports: North Dakota		**28 397**	**160 767**	**600 897**	**3 611 286**	**15.08**	**20.13**
Oregon	Alberta	8 000	8 000	153 414	160 595	18.26	18.25
	British Columbia	99 642	446 607	2 438 377	9 819 427	24.47	21.76
	Manitoba	10 105	10 105	145 785	145 785	14.43	14.43
Subtotal Exports: Oregon		**117 747**	**464 712**	**2 737 576**	**10 126 807**	**23.27**	**21.51**
Pennsylvania	Ontario	787	113 726	19 537	2 676 164	49.15	23.14
Subtotal Exports: Pennsylvania		**787**	**113 726**	**19 537**	**2 676 164**	**49.15**	**23.14**
South Dakota	Manitoba	5	78 162	284	1 251 171	49.11	15.92
Subtotal Exports: South Dakota		**5**	**78 162**	**284**	**1 251 171**	**49.11**	**15.92**
Texas	Manitoba	21 594	286 827	246 525	3 687 156	11.52	12.85
Subtotal Exports: Texas		**21 594**	**286 827**	**246 525**	**3 687 156**	**11.52**	**12.85**
Utah	British Columbia	23 140	27 825	509 784	661 307	21.86	23.77
Subtotal Exports: Utah		**23 140**	**27 825**	**509 784**	**661 307**	**21.86**	**23.77**
Vermont	Ontario	926	18 229	26 945	476 963	29.72	25.96
	Quebec	177 562	1 753 044	15 836 145	147 611 472	33.26	33.97
Subtotal Exports: Vermont		**178 588**	**1 771 269**	**15 862 739**	**148 088 435**	**33.12**	**33.79**
Washington	Alberta	31 884	73 438	579 697	1 552 699	18.19	21.33
	British Columbia	739 142	4 424 882	16 902 242	74 778 359	22.87	19.74

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months excludes capacity charges.

Additional Notes:
- Revenue for Permit 92 not available

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TABLE 3A
Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) 50.P97	Energy (MW.h) JAN97 - 50.P97	Revenue (CAN$) [1] 50.P97	Revenue (CAN$) [1] JAN97 - 50.P97	CAN$/MW.h [2] 50.P97	CAN$/MW.h [2] L12M
Washington	Saskatchewan	8 920	12 419	273 985	361 143	30.72	29.08
Subtotal Exports: Washington		**770 946**	**4 189 859**	**17 756 083**	**76 672 196**	**22.77**	**19.30**
Wisconsin	Manitoba	59 200	652 315	1 123 565	13 066 746	18.89	20.04
Subtotal Exports: Wisconsin		**59 200**	**652 315**	**1 123 565**	**13 066 746**	**18.89**	**20.04**
Total Exports		**3 791 511**	**31 873 890**	**118 865 983**	**997 545 470**	**25.95**	**25.79**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available

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CANADA

TABLE 3B
Import Purchases Summary Report by Source and Destination

Source	Destination	Energy (MW.h) SEP97	Energy (MW.h) JAN97 - SEP97	Revenue (CAN$) [1] SEP97	Revenue (CAN$) [1] JAN97 - SEP97	CAN$/MW.h [2] SEP97	CAN$/MW.h [2] L12M
Idaho	British Columbia	0	100	0	739	0.00	7.39
Subtotal Imports: Idaho		**0**	**100**	**0**	**739**	**0.00**	**7.39**
Maine	New Brunswick	336	5 966	19 451	302 907	57.89	29.31
Subtotal Imports: Maine		**336**	**5 966**	**19 451**	**302 907**	**57.89**	**29.31**
Michigan	Ontario	170 692	411 608	4 287 357	9 120 629	25.12	22.09
Subtotal Imports: Michigan		**170 692**	**411 608**	**4 287 357**	**9 120 629**	**25.12**	**22.09**
Minnesota	Manitoba	0	0	0	0	0.00	0.00
	Ontario	31 737	35 320	677 856	738 858	21.36	18.34
Subtotal Imports: Minnesota		**31 737**	**35 320**	**677 856**	**738 858**	**21.36**	**18.34**
Montana	British Columbia	0	143	0	9 839	0.00	69.40
Subtotal Imports: Montana		**0**	**143**	**0**	**9 839**	**0.00**	**69.40**
Nebraska	Manitoba	0	0	5 348	25 726	0.00	0.00
Subtotal Imports: Nebraska		**0**	**0**	**5 348**	**25 726**	**0.00**	**0.00**
New England	Quebec	0	0	0	0	0.00	0.00
Subtotal Imports: New England		**0**	**0**	**0**	**0**	**0.00**	**0.00**
New York	Ontario	34 857	173 634	1 117 244	6 501 839	32.05	32.30
	Quebec	33 300	256 813	738 940	5 002 195	22.19	19.34
Subtotal Imports: New York		**68 157**	**430 447**	**1 856 184**	**11 504 034**	**27.23**	**24.90**
North Dakota	Manitoba	0	325	0	5 476	0.00	17.33
	Saskatchewan	8 975	65 440	164 944	1 433 051	18.38	21.07
Subtotal Imports: North Dakota		**8 975**	**65 765**	**164 944**	**1 438 527**	**18.38**	**21.01**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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CANADA

TABLE 3B

Import Purchases Summary Report by Source and Destination

Source	Destination	Energy (MW.h) SEP97	Energy (MW.h) JAN97 - SEP97	Revenue (CAN$) [1] SEP97	Revenue (CAN$) [1] JAN97 - SEP97	CAN$/MW.h [2] SEP97	CAN$/MW.h [2] L12M
Vermont	Quebec	0	119 648	3 709 066	42 662 261	0.00	35.05
Subtotal Imports: Vermont		**0**	**119 648**	**3 709 066**	**42 662 261**	**0.00**	**35.05**
Washington	Alberta	3 864	52 387	86 085	1 060 412	22.28	20.79
	British Columbia	364 508	3 179 543	7 105 670	35 464 091	19.49	10.18
	Saskatchewan	960	1 956	27 599	75 254	28.75	38.47
Subtotal Imports: Washington		**369 332**	**3 233 886**	**7 219 354**	**36 599 757**	**19.55**	**10.34**
Total Imports		**649 229**	**4 302 883**	**17 939 561**	**102 403 277**	**21.91**	**13.97**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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CANADA

TABLE 4
Source of Production Report [1]
Canadian Exports

	SEP97		
Fuel Type	**Energy (MW.h)**	**Revenue (CAN$)** [2]	**CAN$/MW.h** [2]
Hydraulic	1 894 748	46 528 170	24.56
Imported Coal	130 274	3 502 247	26.88
Imported Oil	129 357	4 619 581	35.71
Nuclear	1 947	76 480	39.27
Other	1 539 019	40 391 253	26.24
Total	**3 695 346**	**95 117 731**	**25.74**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	SEP97 Energy (MW.h)	SEP97 Revenue (CAN$) [2]	SEP97 CAN$/MW.h [2]
BC Hydro/Powerx	Other	Permit 43	1 176 375	30 991 354	26.35
		Subtotal	**1 176 375**	**30 991 354**	**26.34**
	Subtotal		**1 176 375**	**30 991 354**	**26.34**
Cominco	Hydraulic	Permit 57	26 968	681 727	25.28
		Subtotal	**26 968**	**681 727**	**25.28**
	Subtotal		**26 968**	**681 727**	**25.28**
Hydro-Quebec	Hydraulic	Licence 176	580 802	18 945 696	32.62
		Licence 178	6 262	234 489	37.45
		Licence 180	76 763	2 688 181	35.02
		Licence 181	27 168	951 402	35.02
		Licence 182	13 264	464 495	35.02
		Licence 183	21 126	739 816	35.02
		Licence 184	10 878	380 939	35.02
		Permit 64	30 507	625 002	20.49
		Permit 65	20 437	713 330	34.90
		Subtotal	**787 207**	**25 743 351**	**32.70**
	Subtotal		**787 207**	**25 743 351**	**32.70**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	SEP97 Energy (MW.h)	SEP97 Revenue (CAN$) [2]	SEP97 CAN$/MW.h [2]
Manitoba Hydro	Hydraulic	Licence 170	276 970	6 306 832	22.77
		Permit 33	19 377	359 876	18.57
		Permit 34	16 350	315 900	19.32
		Permit 35	10 635	227 094	21.35
		Permit 45	116 896	2 226 741	19.05
		Permit 46	584 810	9 578 056	16.38
		Permit 52	5 975	135 257	22.64
		Permit 68	14 750	212 667	14.42
		Subtotal	**1 045 763**	**19 362 423**	**18.52**
	Subtotal		**1 045 763**	**19 362 423**	**18.52**
NB Power	Imported Coal	Permit 15	6 450	215 809	33.46
		Permit 16	2 683	101 937	38.00
		Permit 18	226	10 982	48.51
		Permit 47	1 724	86 141	49.96
		Permit 48	387	18 724	48.37
		Permit 91	23 749	885 784	37.30
		Subtotal	**35 220**	**1 319 376**	**37.46**
	Imported Oil	Permit 15	14 869	497 471	33.46
		Permit 16	6 567	249 552	38.00
		Permit 18	933	48 630	52.15
		Permit 47	1 889	94 394	49.96

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 5
Source of Production Report [1]
by Exporter

			SEP97		
Exporter	Fuel Type	Authorization	Energy (MW.h)	Revenue (CAN$) [2]	CAN$/MW.h [2]
NB Power	Imported Oil	Permit 40	1 583	76 549	48.37
		Permit 91	78 864	3 001 373	38.06
		Subtotal	**104 704**	**3 967 970**	**37.90**
	Nuclear	Permit 15	177	5 929	33.46
		Permit 16	269	10 237	38.00
		Permit 19	24	1 141	47.54
		Permit 47	173	8 658	49.96
		Permit 91	1 304	50 515	38.75
		Subtotal	**1 947**	**76 480**	**39.27**
	Other	Permit 15	6 406	214 265	33.45
		Permit 16	19 351	735 379	38.00
		Permit 19	2 483	119 394	48.09
		Permit 47	525	26 254	49.96
		Permit 48	360	17 413	48.37
		Permit 91	168 017	6 318 667	37.61
		Subtotal	**197 139**	**7 431 313**	**37.70**
	Subtotal		**339 011**	**12 795 139**	**37.74**
[illegible]	Hydraulic	Permit 21	34 910	740 669	21.20
		Subtotal	**34 910**	**740 669**	**21.20**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	Energy (10^9 J)	Revenue ($ '000) [2]	$ '000/10^9 J [2]
[illegible]	Imported Coal	Permit 21	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Imported Oil	Permit 21	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Other	Permit 21	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Subtotal		[illegible]	[illegible]	[illegible]
[illegible]	Other	Permit 71	[illegible]	[illegible]	[illegible]
		Permit 92	[illegible]	[illegible]	[illegible]
		Permit 99	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Subtotal		[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocated by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

OCTOBER

OCTOBRE

Micromedia
ProQuest

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National Energy Board

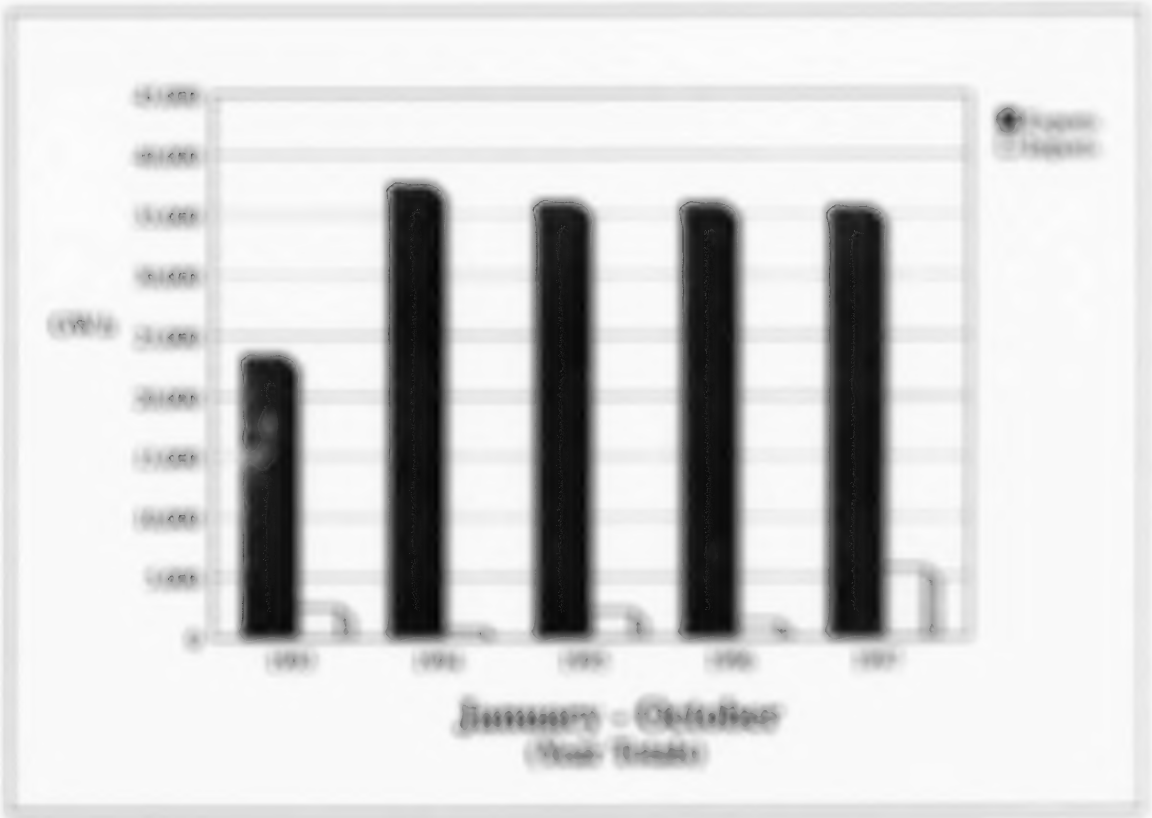
Office national de l'énergie

Electricity Exports and Imports

Monthly Statistics for:

October 1997

Exports: 8708 GW/h
Imports: 1027 GW/h



National Energy Board
Office national de l'énergie

TABLE 1
Exports and Imports of Electricity
Summary: Canada
OCTOBER 1997

Exchange Type	Energy (GW·h)		Revenues ($ kWh) [1]		Charge ($/MW·h) [2]	
	Oct 1997	Jan 1997 - Oct 1997	Oct 1997	Jan 1997 - Oct 1997	Oct 1997	Jan 1997 - Oct 1997
Exports of Electric Energy						
Firm	1 616 724	13 870 364	65 477 506	575 807 912	39.61	37.64
Interruptible	2 139 599	21 462 699	63 791 891	552 969 349	28.76	23.69
Non-Renewable/Replacement	137 362	1 136 473	0	0	0.00	0.00
Services	76 429	722 776	23 814	429 212	0.31	0.76
Total Exports	3 970 113	37 192 314	127 293 210	1 129 206 473	32.07	30.36
Total Sales - Firm and Interruptible	3 756 323	35 333 063	129 269 396	1 128 777 261	34.41	31.95
Imports of Electric Energy						
Non-Renewable/Replacement	70 214	648 973	0	0	0.00	0.00
Purchase	1 478 977	5 736 999	63 478 742	249 874 726	29.91	17.64
Services	76 319	723 744	56 290	166 799	0.42	0.26
Total Imports	1 555 510	7 109 716	63 535 032	249 041 525	27.33	15.49
Excess of Exports Over Imports	2 414 603	30 082 598	63 758 178	879 164 948		

Number of Export Licences: 17

Number of Export Permits/Orders: 79

96

For further information, contact:
Dave Wallace,
Research Officer,
Energy Commodities Branch
National Energy Board
(403) 299 - 3171

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months includes capacity charges.

Additional Notes:
- Revenue for Power '97 not available.

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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (C $/GJ) [1]		C $/GJ/MW.h [2]	
			OCT'97	JAN97 - OCT'97	OCT'97	JAN97 - OCT'97	OCT'97	LTD
Alberta								
TransAlta	Permit 74	F	0	600	0	36 000	0.00	60.00
TransAlta Enet		F	0	60 219	0	1 159 350	0.00	18.85
TransCanada	Permit 79	I	0	21 500	0	525 000	0.00	24.67
Subtotal Firm and Interruptible Exports: Alberta			**0**	**82 319**	**0**	**1 684 450**	**0.00**	**21.00**
British Columbia								
BC Hydro	Permit 105	F	91	1 429	9 261	79 494	101.55	55.60
	Treaty	N	14 189	239 367	0	0	0.00	0.00
BC HydroPowex	Permit 43	I	1 080 425	6 289 044	29 456 261	143 539 435	27.06	23.52
Cominco	Permit 57	I	37 475	174 222	986 975	5 653 081	26.97	25.55
Powerex	[illegible] 75	F	5 691	88 546	212 684	390 621	37.37	37.94
	Permit 92	F	62 800	565 005	0	0	0.00	0.00
	Permit 95	F	5 460	50 500	192 187	1 365 268	43.96	42.44
West Kootenay	Permit 13	F	0	23	0	1 320	0.00	60.16

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) OCT97	Energy (MW.h) JAN97 - OCT97	Revenue (CAN$) [1] OCT97	Revenue (CAN$) [1] JAN97 - OCT97	CAN$/MW.h [2] OCT97	CAN$/MW.h [2] 1.12M
West Kootenay	Permit 66	I	0	15 022	0	162 847	0.00	10.84
Subtotal Firm and Interruptible Exports: British Columbia			**1 217 938**	**7 105 872**	**30 712 324**	**149 191 068**	**25.22**	**21.09**
Manitoba								
Manitoba Hydro	Licence 170	F	281 121	2 747 944	12 253 331	124 927 834	21.96	22.27
	Permit 33	F	0	226 726	0	4 255 581	0.00	18.70
	Permit 34	F	8 631	141 333	165 788	2 752 937	19.21	19.95
	Permit 35	F	33 879	146 833	719 215	3 156 947	21.23	21.34
	Permit 45	F	90 091	1 195 556	2 218 281	24 569 134	23.36	19.96
	Permit 46	I	535 063	5 115 031	10 590 339	88 119 894	19.75	17.65
		N	-19 907	-44 065	0	0	0.00	0.00
		S	0	25 415	0	84 495	0.00	1.87
	Permit 52	F	15 819	47 865	504 889	1 994 249	22.51	22.73
	Permit 61	F	317	3 750	15 297	170 636	48.18	45.24
	Permit 68	F	11 913	77 623	496 466	2 830 341	20.47	16.66
Subtotal Firm and Interruptible Exports: Manitoba			**976 744**	**9 702 661**	**26 963 606**	**252 777 553**	**20.83**	**19.41**
New Brunswick								
Fraser Inc.	Permit 102	F	23 250	244 470	1 585 019	16 393 005	68.17	67.06

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
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CANADA

TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) OCT97	Energy (MW.h) JAN97 - OCT97	Revenue (CAN$) [1] OCT97	Revenue (CAN$) [1] JAN97 - OCT97	CAN$/MW.h [2] OCT97	CAN$/MW.h [2] L12M
Maine & NB	Licence 177	F	720	70 746	96 806	2 010 767	16.40	16.41
NB Power	Permit 15	I	29 046	817 013	1 158 519	31 910 984	39.89	39.21
		N	2 383	2 257	0	0	0.00	0.00
	Permit 16	I	42 010	270 067	1 855 106	11 311 173	44.16	42.06
		N	7 434	24 637	0	0	0.00	0.00
	Permit 17	S	7 995	67 568	0	0	0.00	0.00
	Permit 18	I	10 978	56 457	551 064	2 751 061	50.20	48.77
		N	- 132	- 190	0	0	0.00	0.00
	Permit 28	F	3	34	377	4 259	121.77	123.91
	Permit 47	F	7 031	48 881	548 608	3 800 704	51.41	57.74
	Permit 48	I	3	22 434	160	1 085 013	49.88	48.32
	Permit 91	I	274 950	1 761 647	11 610 878	68 722 586	42.23	39.01
Subtotal Firm and Interruptible Exports: New Brunswick			**387 991**	**3 291 749**	**17 406 536**	**137 989 551**	**44.16**	**41.14**
Ontario								
Cdn. Niagara	Permit 84	F	0	171 537	0	3 754 916	0.00	21.47
	Permit 85	S	6 265	106 651	0	0	0.00	0.00
Cornwall Elec.	Permit 82	I	2 092	13 433	54 571	264 940	26.09	18.99
	Permit 83	S	1 730	107 631	0	0	0.00	0.00

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) OCT97	Energy (MW.h) JAN97 - OCT97	Revenue (CAN$) [1] OCT97	Revenue (CAN$) [1] JAN97 - OCT97	CAN$/MW.h [2] OCT97	CAN$/MW.h [2] L12M
D&W Subway	Permit 26	F	138	1 435	0	0	0.00	0.00
Ont. Hydro/OHIM	Permit 21	I	24 483	2 928 096	1 730 450	87 305 347	56.08	23.75
		S	5 646	27 418	0	53	0.00	0.00
Ontario Hydro		I	0	2 737 625	0	68 814 993	0.00	25.66
		S	0	63 720	0	60 840	0.00	0.85
	Permit 22	N	106 863	762 539	0	0	0.00	0.00
	Permit 24	F	18	173	36	345	2.00	2.00
Stone Consolid	Permit 75	I	0	124	0	5 690	0.00	45.99
Subtotal Firm and Interruptible Exports: Ontario			**26 731**	**5 852 422**	**1 785 057**	**160 146 232**	**53.41**	**24.66**
Quebec								
Hydro-Quebec	Licence 176	F	523 402	4 683 165	17 070 853	143 996 992	32.62	30.58
	Licence 178	F	266 970	779 916	11 116 723	40 987 424	35.06	36.57
	Licence 180	F	99 774	894 755	8 614 693	82 099 559	35.01	34.79
	Licence 181	F	26 155	280 940	2 415 136	24 699 279	35.01	34.80
	Licence 182	F	13 473	138 544	1 207 786	12 146 797	35.01	34.80
	Licence 183	F	25 091	243 098	2 267 253	22 279 397	35.01	34.81
	Licence 184	F	12 342	129 550	1 157 191	11 723 681	35.01	34.81
	Permit 20	F	131	992	9 757	69 474	74.45	70.30

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

CANADA

TABLE 2A

Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) OCT97	Energy (MW.h) JAN97 - OCT97	Revenue (CAN$) [1] OCT97	Revenue (CAN$) [1] JAN97 - OCT97	CAN$/MW.h [2] OCT97	CAN$/MW.h [2] L12M
Hydro-Quebec	Permit 64	I	81 606	1 369 568	2 795 874	43 113 946	34.09	29.90
		N	5 073	36 773	0	0	0.00	0.00
		S	9 523	252 098	33 014	513 824	3.47	2.04
	Permit 65	F	79 877	974 941	3 421 997	39 670 572	37.27	35.12
Subtotal Firm and Interruptible Exports: Quebec			**1 128 821**	**9 495 469**	**50 077 262**	**420 787 121**	**34.01**	**32.06**
Saskatchewan								
Sask. Power	Licence 118	S	25 450	72 075	0	0	0.00	0.00
	Licence 119	I	3 472	72 677	106 717	1 686 295	30.74	24.39
		N	21 460	117 115	0	0	0.00	0.00
	Permit 89	F	4 236	16 655	143 895	505 037	33.97	30.32
Subtotal Firm and Interruptible Exports: Saskatchewan			**7 708**	**89 332**	**250 612**	**2 191 333**	**32.51**	**25.39**
Total Firm and Interruptible Exports:			**3 745 933**	**35 619 824**	**127 195 396**	**1 124 777 282**	**28.90**	**26.17**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

National Energy Board
Office national de l'énergie

CANADA

TABLE 2B

Import Summary Report
by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h) OCT97	Energy (MW.h) JAN97 - OCT97	Revenue (CAN$) [1] OCT97	Revenue (CAN$) [1] JAN97 - OCT97	CAN$/MW.h [2] OCT97	CAN$/MW.h [2] L12M
Alberta								
TransAlta	-	P	241	2 495	9 738	108 250	40.38	45.57
TransCanada		P	0	50 134	0	961 900	0.00	19.23
Subtotal Purchased Imports: Alberta			**241**	**52 629**	**9 738**	**1 070 150**	**40.38**	**20.72**
British Columbia								
BC Hydro		P	13	334 785	970	10 809	74.62	0.02
BC Hydro/Powerx		P	127 109	2 708 547	2 324 236	32 894 942	18.29	12.14
Cominco		P	8 400	42 372	163 066	359 868	19.41	8.49
West Kootenay		P	365	229 969	9 718	4 707 541	26.62	20.84
Subtotal Purchased Imports: British Columbia			**135 887**	**3 315 673**	**2 497 990**	**37 973 159**	**18.38**	**10.67**
Manitoba								
Manitoba Hydro		N	-16 456	-59 834	0	0	0.00	0.00
		P	8 825	9 150	142 401	173 604	14.61	16.40

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

CANADA

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h) OCT97	Energy (MW.h) JAN97 - OCT97	Revenue (CAN$) [1] OCT97	Revenue (CAN$) [1] JAN97 - OCT97	CAN$/MW.h [2] OCT97	CAN$/MW.h [2] L12M
Manitoba Hydro	-	S	0	24 385	0	0	0.00	0.00
Subtotal Purchased Imports: Manitoba			**8 825**	**9 150**	**142 401**	**173 604**	**14.61**	**16.40**
New Brunswick								
Maine & NB		P	547	6 283	26 152	291 724	47.81	47.76
NB Power		N	-10 467	-33 082	0	0	0.00	0.00
		P	0	230	0	37 335	0.00	22.24
		S	7 995	57 568	0	0	0.00	0.00
Subtotal Purchased Imports: New Brunswick			**547**	**6 513**	**26 152**	**329 059**	**47.81**	**37.12**
Ontario								
Cdn. Niagara		N	822	8 251	0	0	0.00	0.00
Cornwall Elec.		P	887	13 304	107 180	1 375 373	120.83	49.53
		S	1 730	107 631	0	0	0.00	0.00
D&W Subway		P	152	1 468	0	0	0.00	0.00
Ontario Hydro		N	106 416	905 556	0	0	0.00	0.00

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non Revenue (Non Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h) OCT97	Energy (MW.h) JAN97 - OCT97	Revenue (CAN$) [1] OCT97	Revenue (CAN$) [1] JAN97 - OCT97	CAN$/MW.h [2] OCT97	CAN$/MW.h [2] 1.1250
Ontario Hydro	-	F	1 203 179	1 810 089	38 431 402	53 524 535	31.94	29.25
		S	61 400	211 904	59 181	186 700	0.95	0.87
Subtotal Purchased Imports: Ontario			**1 264 218**	**1 824 780**	**38 530 582**	**54 899 908**	**32.60**	**29.58**
Quebec								
Hydro-Quebec		N	0	25 013	0	0	0.00	0.00
		F	34 385	410 646	4 471 335	52 135 791	22.10	24.46
		S	0	238 190	0	0	0.00	0.00
Subtotal Purchased Imports: Quebec			**34 385**	**410 846**	**4 471 335**	**52 135 791**	**22.10**	**24.46**
Saskatchewan								
Sask. Power		N	-5 101	3 019	0	0	0.00	0.00
		F	51 975	119 369	986 543	2 482 649	18.98	20.53
		S	0	73 550	0	0	0.00	0.00
Subtotal Purchased Imports: Saskatchewan			**51 975**	**119 369**	**986 543**	**2 482 649**	**18.98**	**20.53**
Total Purchased Imports:			**1 436 877**	**5 738 959**	**46 670 542**	**149 074 539**	**29.91**	**17.64**

Footnotes:
1 - Includes capacity and energy charges.
2 - Average value for the month and the last 12 months (excludes capacity charges).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

TABLE 3A
Export Sales Summary Report
by Destination and Source

Destination	Source	Energy (MW.h)		Revenue ($ '000) [1]		$ / kW.h [2]	
		Oct '97	Jul '97 - Oct '97	Oct '97	Jul '97 - Oct '97	Oct '97	Jul '97
Alaska	British Columbia	91	1 429	9 240	79 856	101.55	55.89
Subtotal Exports: Alaska		**91**	**1 429**	**9 240**	**79 856**	**101.55**	**55.89**
Arizona	British Columbia	0	167 200	0	3 646 687	0.00	22.34
Subtotal Exports: Arizona		**0**	**167 200**	**0**	**3 646 687**	**0.00**	**22.34**
California	British Columbia	199 829	1 186 779	5 534 979	29 524 229	27.71	24.88
Subtotal Exports: California		**199 829**	**1 186 779**	**5 534 979**	**29 524 229**	**27.71**	**24.88**
Colorado	British Columbia	0	42 456	0	980 525	0.00	23.10
Subtotal Exports: Colorado		**0**	**42 456**	**0**	**980 525**	**0.00**	**23.10**
Idaho	Alberta	0	80	0	1 340	0.00	16.75
	British Columbia	17 871	142 180	399 139	2 917 382	22.33	20.52
Subtotal Exports: Idaho		**17 871**	**142 260**	**399 139**	**2 918 721**	**22.33**	**20.52**
Iowa	Manitoba	5 832	142 856	64 728	1 497 597	11.10	10.29
Subtotal Exports: Iowa		**5 832**	**142 856**	**64 728**	**1 497 597**	**11.10**	**10.29**
Kansas	Manitoba	0	336	0	4 727	0.00	7.03
Subtotal Exports: Kansas		**0**	**336**	**0**	**4 727**	**0.00**	**7.03**
Maine	New Brunswick	168 288	1 936 223	5 602 966	65 649 067	33.31	33.90
Subtotal Exports: Maine		**168 288**	**1 936 223**	**5 602 966**	**65 649 067**	**33.31**	**33.90**
Massachusetts	Quebec	0	217 457	0	6 484 309	0.00	29.82
Subtotal Exports: Massachusetts		**0**	**217 457**	**0**	**6 484 309**	**0.00**	**29.82**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges).

Additional Notes:
- Revenue for Period 97 not available.

National Energy Board
Office national de l'énergie

TABLE 3A
Export Sales Summary Report by Destination and Source

Destination	Source	Energy (GJ)		Revenue ($) [1]		$/GJ [2]	
		(a) This month	(a) Year-to-date	(a) This month	(a) Year-to-date	(a) This month	(a) Year-to-date
Alberta	Province of Alberta	0	55,400	0	1,728,612	0.00	32.39
Subtotal Exports - Alberta		0	55,400	0	1,728,612	0.00	32.39
Michigan	Ontario	21,126	2,389,610	1,497,917	99,202,347	70.94	33.34
Subtotal Exports - Michigan		21,126	2,389,610	1,497,917	99,202,347	70.94	33.34
Minnesota	Manitoba	60,000	6,231,700	2,129,616	227,016,000	35.49	36.43
	Ontario	0	107,240	107,100	4,202,122	0.00	39.19
Subtotal Exports - Minnesota		60,000	6,437,000	2,236,716	231,218,122	35.49	35.91
Missouri	Manitoba	0	400	0	9,110	0.00	22.78
Subtotal Exports - Missouri		0	400	0	9,110	0.00	22.78
Montana	Province of Alberta	0	7,407	0	188,600	0.00	25.46
	Manitoba	0	0	0	2,772	0.00	18.48
Subtotal Exports - Montana		0	7,407	0	191,372	0.00	25.84
Nebraska	Manitoba	0	250	0	10,000	0.00	77.47
Subtotal Exports - Nebraska		0	250	0	10,000	0.00	77.47
New England	New Brunswick	270,750	2,707,527	2,109,945	68,548,705	40.21	39.69
	Ontario	0	1,037,400	0	34,108,747	0.00	32.46
	Quebec	306,231	9,360,233	2,915,000	277,000,000	31.29	31.36
Subtotal Exports - New England		577,031	13,105,160	5,387,994	379,757,452	46.31	31.08
New York	Ontario	5,962	1,110,972	24,000	39,187,104	10.19	34.72
	Quebec	126,977	1,778,978	1,212,976	72,706,100	10.11	52.76
Subtotal Exports - New York		132,939	2,889,950	1,236,976	111,893,204	15.78	45.09

Footnotes:
1. Includes exports with energy charges.
2. Average value for the month and for year-to-date. Year-to-date includes exports without charges.

Additional Notes:
- Revenue for Province of Alberta not available.

TABLE 3A

Export Sales Summary Report by Destination and Source

[illegible] Energy Board
[illegible]

Destination	Source	Energy (MWh)		Revenue ($ CAD) [1]		CO2e (tonnes) [2]	
		(a) [illegible]	(a)+(b) - (a) [illegible]	(a) [illegible]	(a)+(b) - (a) [illegible]	(a) [illegible]	(a)+(b)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]:
[illegible]
[illegible]
[illegible]

[illegible]:
[illegible]

TABLE 3A

Export Sales Summary Report by Destination and Source

Destination	Source	Energy (GJ)		Volume (m³) [1]		Value ($) [2]	
		(A)=(B)+(C)	(A)/(B)*100	(B)=(D)+(E)	(A)/(B)*100	(C)=(F)	(C)/(A)*100
Destination	Source	(A)=(B)+(C)	(A)/(B)*100	(B)=(D)+(E)	(A)/(B)*100	(C)=(F)	(C)/(A)*100
Subtotal for Agency - Destination		00+00	000.00	0+000+00	000.00	0+0	0+0
Wisconsin	Wisconsin	0+000	000.00	0+000	000.00	0+0	0+0
Subtotal for Agency - Wisconsin		0+000	000.00	0+000	000.00	0+0	0+0
Grand Total for Agency		0+000+00	000.00	00+00+00	000.00	0+0	0+0

Footnotes:
1 - Includes exports where energy is known
2 - Energy data at 38.9 GJ/m³ (1000 cf/mcf)
(A) = (B) + (C) where (C) is known

Additional Notes:
Monetary data is in Canadian $

Ministry of Energy (Kenya)
Office of National Grid Manager

FORM 38

Import/Export Summary Report
by Source and Destination

Year: [illegible]

Import	Destination	Energy (MWh)		Revenue (KSh)		Losses (MWh)	
		dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy
Kenya	Grid A – Central	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenya	Grid B – Coastal	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ethiopia	Kenya	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tanzania	Kenya	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Kenya	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rwanda	Grid A – Central	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Burundi	Kenya	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kenya	Grid A – Central	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Kenya	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
South Sudan	Kenya	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Kenya	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Uganda Electricity Board		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Notes:
1. [illegible] import/export data for [illegible].
2. [illegible] [illegible] at [illegible] rate.
3. [illegible] [illegible] [illegible] [illegible].

Authorised Signatory:
[illegible] [illegible] [illegible]

National Energy Board
Office national de l'énergie

TABLE 3B

Import Purchases Summary Report
by Source and Destination

Source	Destination	Energy (GJ) [1]		Revenue ($) [1]		$/GJ [1] [2]	
		current month	year-to-date - current month	current month	year-to-date - current month	current month	year-to-date
South Dakota	Wyoming	120	720	1,284	7,704	10.70	10.70
National Imports: South Dakota		120	720	1,284	7,704	10.70	10.70
Texas	Wyoming	0	0	8,075	8,075	0.00	0.00
National Imports: Texas		0	0	8,075	8,075	0.00	0.00
Vancouver	Quebec	0	1,919,600	2,768,531	49,376,762	0.00	25.72
National Imports: Vancouver		0	1,919,600	2,768,531	49,376,762	0.00	25.72
Washington	Alberta	240	32,429	9,706	1,678,156	40.76	39.72
	Britsh Columbia	125,676	3,767,417	2,497,626	77,962,312	19.76	19.67
	Saskatchewan	1,956	7,956	56,640	174,956	29.60	21.77
National Imports: Washington		128,000	3,876,952	2,563,972	79,815,427	20.07	20.23
Total Imports		1,429,977	5,796,552	49,479,545	129,674,729	29.75	27.44

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months excludes capacity charges.

Additional Notes:
Monetary for Period 12 not available.

National Energy Board
Office national de l'énergie

TABLE 4
Source of Production Report [1]
Canadian Exports

Page [illegible]

Fuel Type	Energy (MW.h)	Revenue ($) [2]	$/MW.h
Hydraulic	2 132 119	59 603 255	27.96
Imported Coal	10 715	458 063	44.42
Imported Oil	119 401	5 179 852	43.38
Other	1 791 408	49 647 595	36.23
Total	**3 613 525**	**109 888 765**	**29.58**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allowable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	1999 97 Energy (MW.h)	Revenue ($CAN) [2]	$CAN/MW.h [2]
BC Hydro/Powers	Hydraulic	Permit 43	1 184 704	33 402 108	28.19
		Subtotal	**1 184 704**	**33 402 108**	**28.19**
	Other	Permit 43	98 645	2 781 244	28.19
		Subtotal	**98 645**	**2 781 244**	**28.19**
	Subtotal		**1 283 349**	**36 183 352**	**28.19**
Cominco	Hydraulic	Permit 57	29 473	859 356	29.16
		Subtotal	**29 473**	**859 356**	**29.16**
	Subtotal		**29 473**	**859 356**	**29.16**
Hydro-Quebec	Hydraulic	Licence 176	401 306	13 338 729	33.24
		Licence 180	91 896	3 362 195	36.59
		Licence 181	27 984	1 023 872	36.59
		Licence 182	13 434	491 520	36.59
		Licence 183	24 096	881 618	36.59
		Licence 184	13 248	484 714	36.59
		Permit 64	220 020	8 128 805	36.95
		Permit 65	212 982	8 641 706	40.58
		Subtotal	**1 004 962**	**36 553 158**	**36.17**
	Subtotal		**1 004 962**	**36 553 158**	**36.17**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie
CANADA

TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	NOV97 Energy (MWh)	NOV97 Revenue (CAN$) [2]	NOV97 CAN$/MWh [2]
Manitoba Hydro	Hydraulic	Licence 170	263 719	5 925 761	22.47
		Permit 45	136 147	2 870 731	21.09
		Permit 46	543 436	11 431 715	21.04
		Permit 68	13 065	265 264	20.30
		Subtotal	**956 367**	**20 493 471**	**21.43**
	Other	Licence 170	11 807	265 303	22.47
		Subtotal	**11 807**	**265 303**	**22.47**
	Subtotal		**968 174**	**20 758 774**	**21.44**
NB Power	Imported Coal	Permit 15	3 217	139 879	43.48
		Permit 16	882	39 137	44.38
		Permit 18	117	6 191	52.83
		Permit 47	1 511	77 655	51.41
		Permit 91	6 111	272 515	44.60
		Subtotal	**11 838**	**535 377**	**45.23**
	Imported Oil	Permit 15	11 308	491 619	43.48
		Permit 16	7 614	337 908	44.38
		Permit 18	3 615	184 168	50.95
		Permit 47	3 153	162 111	51.41
		Permit 91	68 159	3 501 515	51.37
		Subtotal	**93 848**	**4 677 321**	**49.84**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	NOV97 Energy (MW.h)	NOV97 Revenue (CAN$) [2]	NOV97 CAN$/MW.h [2]
NB Power	Nuclear	Permit 47	64	3 295	51.41
		Subtotal	**64**	**3 295**	**51.41**
	Other	Permit 15	13 175	572 779	43.48
		Permit 16	18 295	811 969	44.38
		Permit 18	3 509	179 538	51.17
		Permit 47	2 584	132 849	51.41
		Permit 91	137 990	6 776 748	49.11
		Subtotal	**175 552**	**8 473 883**	**48.27**
	Subtotal		**281 302**	**13 689 877**	**48.67**
Ont. Hydro/OHIM	Hydraulic	Permit 21	212	2 396	11.30
		Subtotal	**212**	**2 396**	**11.30**
	Imported Coal	Permit 21	2 079	93 991	45.21
		Subtotal	**2 079**	**93 991**	**45.21**
	Imported Oil	Permit 21	464	22 786	49.11
		Subtotal	**464**	**22 786**	**49.11**
	Other	Permit 21	5 396	216 331	40.09
		Subtotal	**5 396**	**216 331**	**40.09**
	Subtotal		**8 151**	**335 503**	**41.16**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	NOV97 Energy (MW.h)	NOV97 Revenue (CAN$) [2]	NOV97 CAN$/MW.h [2]
Powerex	Other	Permit 95	5 900	225 049	38.14
		Subtotal	**5 900**	**225 049**	**38.14**
	Subtotal		**5 900**	**225 049**	**38.14**
Total All Exporters			**3 581 311**	**108 405 067**	**30.27**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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Electricity Exports and Imports

Monthly Statistics for:

November 1997

Exports: **3729** GWh
Imports: **1071** GWh

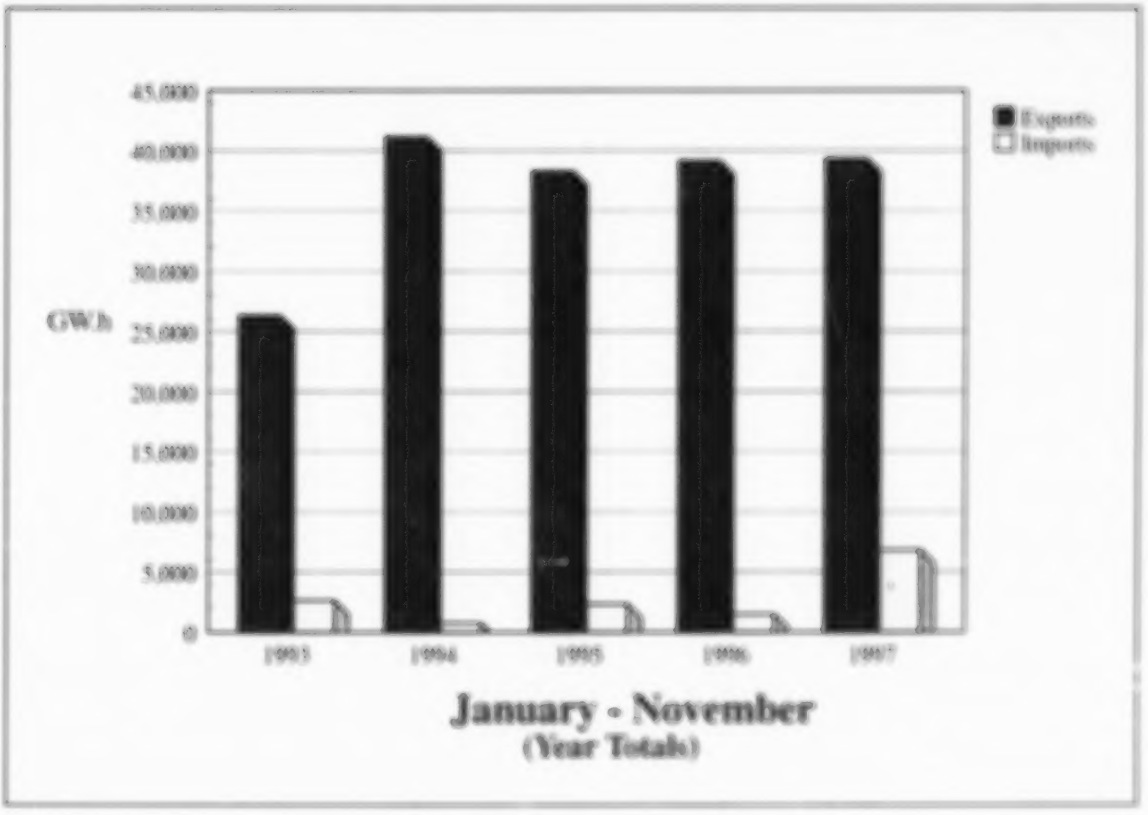

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TABLE 1
Exports and Imports of Electricity
Summary: Canada
NOVEMBER 1997

	Exchange Type	Energy (MW.h)		Revenue (C $/MW.h) [1]		C $/MW.h [2]	
		Nov/97	Jan/97 - Nov/97	Nov/97	Jan/97 - Nov/97	Nov/97	Jan/97
Exports of Electric Energy	Firm	1 965 036	15 533 200	56 071 223	429 679 156	28.53	28.14
	Interruptible	2 961 700	24 027 599	79 534 216	621 855 787	26.86	25.88
	Non-Revenue/Restitution	100 167	1 288 706	0	0	0.00	0.00
	Services	56 516	726 852	0	699 212	0.00	0.77
Total Exports		**4 913 027**	**41 750 659**	**135 605 439**	**1 052 034 155**	**28.60**	**25.20**
Total Sales - Firm and Interruptible		5 726 036	39 560 911	126 605 439	1 051 972 726	28.60	26.71
Imports of Electric Energy	Non-Revenue/Restitution	99 700	166 723	0	0	0.00	0.00
	Purchase	1 870 971	4 809 936	77 618 280	186 405 600	52.98	43.61
	Services	61 760	760 00	52 911	249 212	0.77	0.33
Total Imports		**1 232 080**	**5 737 759**	**77 670 791**	**186 714 812**	**37.70**	**35.05**
Excess of Exports Over Imports		**3 680 945**	**35 979 900**	**55 134 647**	**1 867 339 343**		

Number of Export Licences: 27

Number of Export Permits/Orders: 79

No

For further information, contact:
Dave Walker,
Research Officer,
Energy Commodities Branch
National Energy Board
(403) 299 - 3171

Footnotes:
1 Includes capacity and energy charges.
2 Average value for the month and for Jan 97 to month - excludes capacity charges.

Additional Notes:
Revenue for Period 97 not available

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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MWh)		Revenue (Can $) [1]		Unit Value ($/MWh) [2]	
			This Week	Year-to-Date	This Week	Year-to-Date	This Week	Year-to-Date
Alberta								
Trans Alta	Permit EA-1	E	0	400	0	16,000	0.00	40.00
Trans Alta Corp.		E	0	48,240	0	1,929,600	0.00	40.00
Transalta Utilities	Permit EA-2	E	0	2,400	0	72,000	0.00	30.00
Subtotal Firm and Interruptible Exports - Alberta			**0**	**50,840**	**0**	**2,017,600**	**0.00**	**39.69**
British Columbia								
BC Hydro	Permit EA-3	E	0	1,200	1,800	48,000	27.00	40.00
	Permit	E	24,000	360,000	0	0	0.00	0.00
BC Hydro/Powerex	Permit EA-4	E	1,200,000	7,200,000	48,000,000	288,000,000	40.00	40.00
Powerex	Permit EA-5	E	24,000	300,000	960,000	12,000,000	40.00	40.00
Powerex	Permit EA-6	E	0	24,000	0	960,000	0.00	40.00
	Permit EA-7	E	48,000	600,000	0	0	0.00	0.00
	Permit EA-8	E	1,000	36,000	25,000	1,080,000	25.00	30.00
Westcoast	Permit EA-9	E	0	20	0	1,000	0.00	50.00

Footnotes:
1 - Includes capacity and energy charges.
2 - Average value may be rounded up/down.
Unit 1 months exclude capacity charges.

E - Firm Energy
I - Interruptible Energy
D - Purchase - Resale
W - Wheeling - Wheeling out of Province
S - Storage - Operating Reserve, Storage, Over-the-road Transportation, etc.

Undelivered Energy:
Revenue for Energy Not Delivered

TABLE 2A

Export Summary Report

by Source, Authorization and Exchange Type

Page 1

Source	Authorization	Exchange Type	Quantity (MWh)		Revenue (USD) [1]		USD/MWh [2]	
			MWH	ΔMWH / MWH	MWH	ΔMWH / MWH	MWH	Δ MWH
Run of Reservoir	Permit / ID	D	0	(100.0)	0	(0.0)	0.00	(0.0)
Authorized Firm and Interruptible Exports (Portfolio) + Imports			1,450,000	0.0% / 0.0	2,175,000	50.0% / 0.0	1.50	0.0
Importers								
Importer Alpha	Permit / 101	D	250,000	5.0% / 0.0	4,000,000	5.0% / 0.0	16.00	0.0
	Permit / 102	D	0	(100.0) / 0.0	0	(0.0) / 0.0	0.00	0.0
	Permit / 103	D	0	0.0 / 0.0	0	0.0 / 0.0	0.00	0.0
	Permit / 104	D	0	0.0 / 0.0	0	0.0 / 0.0	0.00	0.0
	Permit / 105	D	0	0.0 / 0.0	0	0.0 / 0.0	0.00	0.0
	Permit / 106	D	150,000	20.0% / 0.0	2,400,000	20.0% / 0.0	16.00	0.0
	Permit / 107	D	100,000	0.0% / 0.0	1,600,000	0.0% / 0.0	16.00	0.0
		D	0	0.0 / 0.0	0	0.0 / 0.0	0.00	0.0
		D	0	0.0 / 0.0	0	0.0 / 0.0	0.00	0.0
	Permit / 201	D	0	0.0 / 0.0	0	0.0 / 0.0	0.00	0.0
	Permit / 202	D	500	0.0 / 0.0	8,000	0.0 / 0.0	16.00	0.0
	Permit / 203	D	1,000	0.0 / 0.0	16,000	0.0 / 0.0	16.00	0.0
Authorized Firm and Interruptible Exports (Importers)			1,100,000	10.0% / 0.0	17,600,000	10.0% / 0.0	16.00	0.0
Non-Reservoir								
Power Mix	Permit / 301	D	4,200	0.0 / 0.0	67,200	0.0 / 0.0	16.00	0.0

Footnotes:
1 - Includes adjustments and surcharges.
2 - Average value of all transactions reported.
3 - Total Quantity excludes adjustment entries.

D - Daily Export
I - Interruptible Export
R - Reservoir Allocation
S - Spot Market Export Transaction
O - Service Operating Allowance, Storage, Curtailment, Transmission, etc.

Submitted Status:
Data is complete and ready for review.

[illegible]

TABLE 2.a

Budget Summary Report
by Source, Authorization and Exchange Type

[illegible]

Name	Authorization	Exchange Type	Outlays (BOY)	Outlays (EOY)	Income (CY)	Income (BOY)	Cash (BOY)	Cash (EOY)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

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TABLE 2A
Export Summary Report
by Source, Authorizations and Exchange Type

Source	Authorization	Exchange Type	Energy (MWh)		Revenue (C $) [1]		C $/MWh [2]	
			MONTH	JANUARY - MONTH	MONTH	JANUARY - MONTH	MONTH	YEAR
Hydro Gateway	Permit 26	F	100	1 500	0	0	0.00	0.00
Gen. Hydro/Utilities	Permit 31	I	6 170	2 936 247	402 445	97 597 767	65.16	33.24
		E	9 618	56 876	0	72	0.00	0.00
Ontario Hydro		I	0	2 737 623	0	65 614 993	0.00	24.24
		E	0	62 726	0	68 048	0.00	0.92
	Permit 22	R	119 420	882 959	0	0	0.00	0.00
	Permit 24	F	28	268	56	891	2.00	3.00
Some Consulted	Permit 77	I	0	124	0	3 650	0.00	45.99
Authorized Firm and Interruptible Exports Amounts			27 370	5 870 350	456 870	341 350 310	32.77	58.47
Quebec								
Hydro-Quebec	Licence 176	F	401 566	5 866 469	13 736 729	197 339 721	34.24	36.67
	Licence 178	F	0	379 916	0	40 987 424	0.00	36.57
	Licence 180	F	91 894	956 649	6 961 246	90 649 889	36.59	33.67
	Licence 181	F	27 966	368 924	2 026 774	27 226 889	36.59	33.66
	Licence 182	F	13 454	191 978	1 229 262	13 176 879	36.59	33.66
	Licence 183	F	24 896	267 196	2 276 413	24 576 829	36.59	33.66
	Licence 184	F	13 248	142 798	1 264 968	13 964 648	36.59	33.66
	Permit 28	F	0	982	0	69 678	0.00	70.56

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and for Jan 1/2 months or includes capacity charges.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Services (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) 96/01/97	Energy (MW.h) 1/1/97 - 12/31/97	Revenue ($ '000) [1] 96/01/97	Revenue ($ '000) [1] 1/1/97 - 12/31/97	$ '000/MW.h [2] 96/01/97	$ '000/MW.h [2] 1/1/97
Hydro-Québec	Permit 64	F	229 620	1 569 588	8 142 594	51 256 539	34.95	31.28
		N	4 605	45 574	0	0	0.00	0.00
		S	0	252 000	0	513 424	0.00	2.04
	Permit 65	F	212 982	1 187 925	8 982 194	48 652 765	40.57	36.52
Subtotal Firm and Interruptible Exports: Québec			**1 050 963**	**10 580 654**	**46 370 768**	**407 329 489**	**36.57**	**32.07**
Saskatchewan								
Sask. Power	Licence 118	S	0	72 415	0	0	0.00	0.00
	Licence 119	F	3 239	75 916	118 183	1 806 479	36.49	24.71
		N	5 801	122 916	0	0	0.00	0.00
	Permit 89	F	11 806	28 861	419 863	923 901	35.69	32.01
Subtotal Firm and Interruptible Exports: Saskatchewan			**15 045**	**586 377**	**537 047**	**2 730 379**	**35.70**	**26.87**
Total Firm and Interruptible Exports:			**3 729 088**	**39 560 913**	**129 995 670**	**1 253 972 728**	**29.83**	**26.51**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Imports)
N - Non Revenue (Non Revenue or Replacement)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

National Energy Board
Office national de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h) NOV97	Energy (MW.h) JAN97 - NOV97	Revenue (CAN$) [1] NOV97	Revenue (CAN$) [1] JAN97 - NOV97	CAN$/MW.h [2] NOV97	CAN$/MW.h [2] 12M
Alberta								
TransAlta	-	F	230	2 725	9 631	117 881	41.89	44.34
TransCanada		F	412	50 546	9 284	971 184	22.53	19.26
Subtotal Purchased Imports: Alberta			**642**	**53 271**	**18 915**	**1 089 065**	**29.47**	**20.65**
British Columbia								
BC Hydro		P	12	334 797	884	11 693	73.67	0.02
BC Hydro/Powerex		P	75 175	2 783 722	1 737 488	34 632 429	23.11	12.44
Commco		P	0	42 372	0	359 868	0.00	8.49
West Kootenay		P	26 060	256 029	757 991	5 465 532	21.17	20.19
Subtotal Purchased Imports: British Columbia			**101 247**	**3 416 920**	**2 496 363**	**40 469 522**	**22.62**	**11.05**
Manitoba								
Manitoba Hydro		N	-8 224	-68 058	0	0	0.00	0.00
		P	0	9 150	10 668	184 272	0.00	14.69

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

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TABLE 2B

Import Summary Report
by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h) NOV97	Energy (MW.h) JAN97 - NOV97	Revenue (CAN$) [1] NOV97	Revenue (CAN$) [1] JAN97 - NOV97	CAN$/MW.h [2] NOV97	CAN$/MW.h [2] L12M
Manitoba Hydro	-	S	0	24 385	0	0	0.00	0.00
Subtotal Purchased Imports: Manitoba			**0**	**9 150**	**10 668**	**184 272**	**0.00**	**14.69**
New Brunswick								
Maine & NB		P	91	6 374	14 922	306 646	163.98	48.09
NB Power		N	-6 967	-40 049	0	0	0.00	0.00
		P	0	230	0	37 335	0.00	28.22
		S	9 420	76 988	0	0	0.00	0.00
Subtotal Purchased Imports: New Brunswick			**91**	**6 604**	**14 922**	**343 981**	**163.98**	**42.66**
Ontario								
Cdn. Niagara		N	475	8 726	0	0	0.00	0.00
Cornwall Elec.		P	887	14 191	107 180	1 482 554	120.83	49.56
		S	1 730	109 361	0	0	0.00	0.00
D&W Subway		P	149	1 616	0	0	0.00	0.00
Ont. Hydro/OHIM		P	500	500	16 910	16 910	33.82	33.82

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

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TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h) NOV97	Energy (MW.h) JAN97 - NOV97	Revenue (CAN$) [1] NOV97	Revenue (CAN$) [1] JAN97 - NOV97	CAN$/MW.h [2] NOV97	CAN$/MW.h [2] L12M
Ontario Hydro	-	N	117 852	1 023 408	0	0	0.00	0.00
		P	841 550	2 651 558	27 990 698	81 515 232	33.26	30.57
		S	36 035	248 019	32 511	219 212	0.90	0.87
Subtotal Purchased Imports: Ontario			**843 086**	**2 667 865**	**28 114 789**	**83 014 697**	**33.35**	**30.79**
Quebec								
Hydro-Quebec		N	933	25 946	0	0	0.00	0.00
		P	95 700	506 546	6 182 580	58 318 371	35.03	26.14
		S	0	238 198	0	0	0.00	0.00
Subtotal Purchased Imports: Quebec			**95 700**	**506 546**	**6 182 580**	**58 318 371**	**35.03**	**26.14**
Saskatchewan								
Sask. Power		N	-4 319	-1 250	0	0	0.00	0.00
		P	30 205	149 574	580 043	3 072 691	19.20	20.43
		S	14 600	88 150	0	0	0.00	0.00
Subtotal Purchased Imports: Saskatchewan			**30 205**	**149 574**	**580 043**	**3 072 691**	**19.20**	**20.43**
Total Purchased Imports:			**1 070 971**	**6 809 930**	**37 418 280**	**186 492 600**	**32.09**	**19.83**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

CANADA

TABLE 3A

Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) NOV97	Energy (MW.h) JAN97 - NOV97	Revenue (CAN$) [1] NOV97	Revenue (CAN$) [1] JAN97 - NOV97	CAN$/MW.h [2] NOV97	CAN$/MW.h [2] L12M
Alaska	British Columbia	91	1 520	2 087	81 571	22.93	53.65
Subtotal Exports: Alaska		**91**	**1 520**	**2 087**	**81 571**	**22.93**	**53.65**
Arizona	British Columbia	0	163 200	0	3 646 687	0.00	22.34
Subtotal Exports: Arizona		**0**	**163 200**	**0**	**3 646 687**	**0.00**	**22.34**
California	British Columbia	273 869	1 470 247	8 531 500	38 055 728	31.15	25.90
Subtotal Exports: California		**273 869**	**1 470 247**	**8 531 500**	**38 055 728**	**31.15**	**25.90**
Colorado	British Columbia	525	43 021	16 521	999 842	31.47	23.24
Subtotal Exports: Colorado		**525**	**43 021**	**16 521**	**999 842**	**31.47**	**23.24**
Idaho	Alberta	0	80	0	1 340	0.00	16.76
	British Columbia	7 051	149 151	185 363	3 102 745	26.29	20.87
Subtotal Exports: Idaho		**7 051**	**149 231**	**185 363**	**3 104 086**	**26.29**	**20.87**
Iowa	Manitoba	1 662	144 556	31 065	1 638 572	18.69	11.34
Subtotal Exports: Iowa		**1 662**	**144 556**	**31 065**	**1 638 572**	**18.69**	**11.34**
Kansas	Manitoba	0	350	0	8 327	0.00	7.98
Subtotal Exports: Kansas		**0**	**350**	**0**	**8 327**	**0.00**	**7.98**
Maine	New Brunswick	99 467	1 633 689	5 189 889	74 639 052	49.45	43.65
Subtotal Exports: Maine		**99 467**	**1 633 689**	**5 189 889**	**74 639 052**	**49.45**	**43.65**
Massachusetts	Quebec	0	163 669	0	6 004 389	0.00	33.54
Subtotal Exports: Massachusetts		**0**	**163 669**	**0**	**6 004 389**	**0.00**	**33.54**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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CANADA

TABLE 3A

Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) NOV97	Energy (MW.h) JAN97 - NOV97	Revenue (CAN$) [1] NOV97	Revenue (CAN$) [1] JAN97 - NOV97	CAN$/MW.h [2] NOV97	CAN$/MW.h [2] L12M
Mexico	British Columbia	0	53 430	0	1 728 412	0.00	32.35
Subtotal Exports: Mexico		**0**	**53 430**	**0**	**1 728 412**	**0.00**	**32.35**
Michigan	Ontario	3 309	3 384 139	130 374	95 423 273	39.41	23.19
Subtotal Exports: Michigan		**3 309**	**3 384 139**	**130 374**	**95 423 273**	**39.41**	**23.19**
Minnesota	Manitoba	761 549	9 033 337	23 360 323	250 437 255	21.53	19.79
	Ontario	1 083	198 328	134 783	6 366 905	62.65	29.59
Subtotal Exports: Minnesota		**762 632**	**9 231 665**	**23 495 106**	**256 804 160**	**21.59**	**20.01**
Missouri	Manitoba	0	440	0	9 119	0.00	20.73
Subtotal Exports: Missouri		**0**	**440**	**0**	**9 119**	**0.00**	**20.73**
Montana	British Columbia	1 925	9 422	52 852	241 336	27.46	25.61
	Manitoba	0	6	0	5 772	0.00	39.92
Subtotal Exports: Montana		**1 925**	**9 428**	**52 852**	**247 108**	**27.46**	**25.62**
Nebraska	Manitoba	17	547	680	20 539	40.01	37.55
Subtotal Exports: Nebraska		**17**	**547**	**680**	**20 539**	**40.01**	**37.55**
New England	New Brunswick	212 259	1 969 786	10 550 778	79 091 166	49.71	40.15
	Ontario	0	1 023 404	0	26 160 567	0.00	25.55
	Quebec	719 685	6 303 258	25 986 781	203 073 475	36.11	32.01
Subtotal Exports: New England		**931 944**	**9 296 448**	**36 537 559**	**308 325 208**	**39.21**	**32.86**
New York	Ontario	22 738	1 141 710	691 047	30 038 431	30.39	26.41
	Quebec	81 427	1 860 097	3 200 198	75 996 748	39.30	33.54
Subtotal Exports: New York		**104 165**	**3 001 808**	**3 891 245**	**106 035 179**	**37.36**	**31.01**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

National Energy Board
Office national de l'énergie

CANADA

TABLE 3A

Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) NOV97	Energy (MW.h) JAN97 - NOV97	Revenue (CAN$) [1] NOV97	Revenue (CAN$) [1] JAN97 - NOV97	CAN$/MW.h [2] NOV97	CAN$/MW.h [2] L12M
North Dakota	Manitoba	38 566	187 537	925 110	4 839 129	23.99	20.68
	Saskatchewan	3 239	75 916	118 183	1 804 479	36.49	24.31
Subtotal Exports: North Dakota		**41 805**	**263 453**	**1 043 294**	**6 643 608**	**24.96**	**21.71**
Oregon	Alberta	8 400	22 225	154 926	406 255	18.44	18.28
	British Columbia	110 844	660 118	3 047 312	15 489 701	27.49	24.06
	Manitoba	0	10 327	0	150 175	0.00	14.54
Subtotal Exports: Oregon		**119 244**	**692 670**	**3 202 237**	**16 046 131**	**26.85**	**23.75**
Pennsylvania	Ontario	30	113 787	676	2 637 526	22.55	23.14
Subtotal Exports: Pennsylvania		**30**	**113 787**	**676**	**2 637 526**	**22.55**	**23.14**
South Dakota	Manitoba	0	78 162	0	1 251 171	0.00	15.92
Subtotal Exports: South Dakota		**0**	**78 162**	**0**	**1 251 171**	**0.00**	**15.92**
Texas	Manitoba	77 429	430 347	1 567 663	6 222 478	20.25	14.44
Subtotal Exports: Texas		**77 429**	**430 347**	**1 567 663**	**6 222 478**	**20.25**	**14.44**
Utah	British Columbia	655	28 480	26 661	688 048	40.70	24.16
Subtotal Exports: Utah		**655**	**28 480**	**26 661**	**688 048**	**40.70**	**24.16**
Vermont	Ontario	0	18 225	0	476 963	0.00	25.26
	Quebec	203 850	2 173 407	17 151 389	182 050 877	35.15	33.72
Subtotal Exports: Vermont		**203 850**	**2 191 632**	**17 151 389**	**182 527 839**	**35.15**	**33.66**
Washington	Alberta	19 139	124 718	257 780	2 295 690	13.47	18.70
	British Columbia	1 086 653	5 928 895	25 410 392	122 429 676	25.24	20.93

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 3A
Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) NOV97	Energy (MW.h) JAN97 - NOV97	Revenue (CAN$) [1] NOV97	Revenue (CAN$) [1] JAN97 - NOV97	CAN$/MW.h [2] NOV97	CAN$/MW.h [2] 11234
Washington	Saskatchewan	11 806	28 461	418 863	923 901	35.48	32.46
Subtotal Exports: Washington		**1 037 598**	**6 882 074**	**26 087 056**	**125 649 266**	**25.14**	**20.94**
Wisconsin	Manitoba	89 360	785 635	1 864 949	15 944 806	20.75	20.35
Subtotal Exports: Wisconsin		**89 360**	**785 635**	**1 864 949**	**15 944 806**	**20.75**	**20.35**
Total Exports		**3 756 627**	**39 413 629**	**129 088 145**	**1 254 302 124**	**29.74**	**26.49**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months excludes capacity charges.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 3B
Import Purchases Summary Report
by Source and Destination

Source	Destination	Energy (1000 Jo)		Revenue ($ '000) [1]		$ '000/1000 Jo [2]	
		98/01/07	98/01/07 - 98/01/07	98/01/07	98/01/07 - 98/01/07	98/01/07	98/01/07
Idaho	British Columbia	0	100	0	700	0.00	7.00
National Imports- Idaho		0	100	0	700	0.00	7.00
Maine	New Brunswick	55	6 659	16 922	567 901	307.50	85.30
National Imports- Maine		55	6 659	16 922	567 901	307.50	85.30
Michigan	Ontario	646 676	1 681 523	19 271 256	49 741 662	29.26	29.57
National Imports- Michigan		646 676	1 681 523	19 271 256	49 741 662	29.26	29.57
Minnesota	Manitoba	0	8 500	0	123 625	0.00	14.54
	Ontario	26 702	106 005	709 960	2 554 042	26.59	24.09
National Imports- Minnesota		26 702	114 705	709 960	2 677 667	26.59	23.34
Montana	Alberta	230	2 529	9 670	117 000	42.00	44.56
	British Columbia	12	100	804	11 000	70.67	70.56
National Imports- Montana		242	2 629	10 747	128 074	45.00	47.79
Nebraska	Manitoba	0	0	10 000	65 712	0.00	0.00
National Imports- Nebraska		0	0	10 000	65 712	0.00	0.00
New England	Quebec	0	100	0	6 650	0.00	23.28
National Imports- New England		0	100	0	6 650	0.00	23.28
New York	Ontario	551 750	999 630	12 279 664	21 983 480	22.62	22.00
	Quebec	80 700	384 710	3 692 300	9 612 974	45.80	25.07
National Imports- New York		627 670	1 384 340	15 630 857	31 616 457	25.02	22.87
North Dakota	Manitoba	0	329	0	5 676	0.00	16.97

Footnotes:
1 Includes capacity and energy charges.
2 Average value for the month and for last 12 months (excludes capacity charges).

Additional Notes:
- Revenue for Forest #2 not available.

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TABLE 3B
Import Purchases Summary Report
by Source and Destination

Source	Destination	Energy (GJ)		Revenue ($ CAD) [1]		$ CAD/GJ [2]	
		06/01/07	01/01/07 - 06/01/07	06/01/07	01/01/07 - 06/01/07	06/01/07	01/01/07 - 06/01/07
North Dakota	Pembina/Emerson	29 000	147 000	560 377	2 922 855	19.34	20.00
Subtotal Imports - North Dakota		29 000	147 000	560 377	2 922 855	19.34	20.00
Pennsylvania	Ottawa	500	500	10 910	10 910	21.82	21.82
Subtotal Imports - Pennsylvania		500	500	10 910	10 910	21.82	21.82
South Dakota	Waterloo	0	525	0	7 284	0.00	13.87
Subtotal Imports - South Dakota		0	525	0	7 284	0.00	13.87
Texas	Waterloo	0	0	0	0 [3]	0.00	0.00
Subtotal Imports - Texas		0	0	0	0 [3]	0.00	0.00
Vermont	Québec	0	119 000	2 630 197	49 200 000	0.00	35.47
Subtotal Imports - Vermont		0	119 000	2 630 197	49 200 000	0.00	35.47
Washington	Alberta	612	30 000	9 284	971 000	22.55	49.26
	British Columbia	100 200	5 440 000	2 605 679	49 607 000	23.61	13.84
	Saskatchewan	600	6 000	10 700	105 000	13.87	21.00
Subtotal Imports - Washington		101 387	5 476 724	2 624 599	50 579 700	23.87	13.18
Total Imports		1 070 971	6 997 749	17 419 289	156 405 469	15.69	19.00

Comments:
1 - Includes capacity and energy charges.
2 - Average value for the month and for
Jan 1 to month end includes capacity charges.

Additional Notes:
Revenue for Vermont 07 not available.

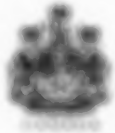

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TABLE 4
Sources of Production Report
Canadian Exports

Page 1
of 1

Fluid Type	Energy (MMBtu)	Revenue ($ CAN)	$ CAN/MMBtu
Hydrocarbon	1,179,714	10,118,007	20.00
Supplemental Fuel	1,197	629,560	45.23
Supplemental Oil	58,132	2,709,107	49.06
Nuclear	60	1,200	71.01
Misc	297,500	1,782,510	60.27
Grand	**1,535,311**	**69,439,384**	**56.27**

Footnotes:
1) Source: All production data should be reported separately.
2) Revenue figures are for electricity supplied only and do not include deliverability or energy charges.

Additional Notes:
Revenue data for Grand Total not available.

TABLE 9

Reserves of Production Reported by Operators [1]

Page [illegible]

Operator	Field Type	Reservoir	Oil (MBbl)	Gas (MMcf)	Condensate (MBbl)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]

[illegible]
[illegible]
[illegible]

[illegible]
[illegible]

TABLE 5

Sources of Production Support by Supporter

[illegible]

[illegible]

Supporter	Fuel Type	Jurisdiction	(GWh)		
			Energy (MWh)	Revenue (CAD)	CO2 Emissions (tCO2e)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

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TABLE 9
Source of Production Report by Exporter

[1]

Exporter	Fuel Type	Authorization	2020/07 Energy (GW.h)	2020/07 Revenues ($ '000)	2020/07 $/MW.h
[illegible]	Nuclear	Power 47	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Other	Power 17	[illegible]	[illegible]	[illegible]
		Power 18	[illegible]	[illegible]	[illegible]
		Power 38	[illegible]	[illegible]	[illegible]
		Power 47	[illegible]	[illegible]	[illegible]
		Power 76	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Subtotal		[illegible]	[illegible]	[illegible]
[illegible]	Hydraulic	Power 31	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Imported Coal	Power 31	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Imported Oil	Power 31	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Other	Power 31	[illegible]	[illegible]	[illegible]
		Subtotal	[illegible]	[illegible]	[illegible]
	Subtotal		[illegible]	[illegible]	[illegible]

Footnotes:
1. Source of production data (fuel) by major exporters only.
2. Revenue figures are for illustrative purposes only and are mostly allocable by energy values.

Additional Notes:
Revenue for Power 47 not available.

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TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	Source		
			Energy (MW.h)	Revenue (C $) [2]	C $/MW.h
[illegible]	Other	Permit XX	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allowable by energy source.

Additional Notes:
- Revenue for Permit XX not available.

DECEMBER

DÉCEMBRE

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National Energy Board

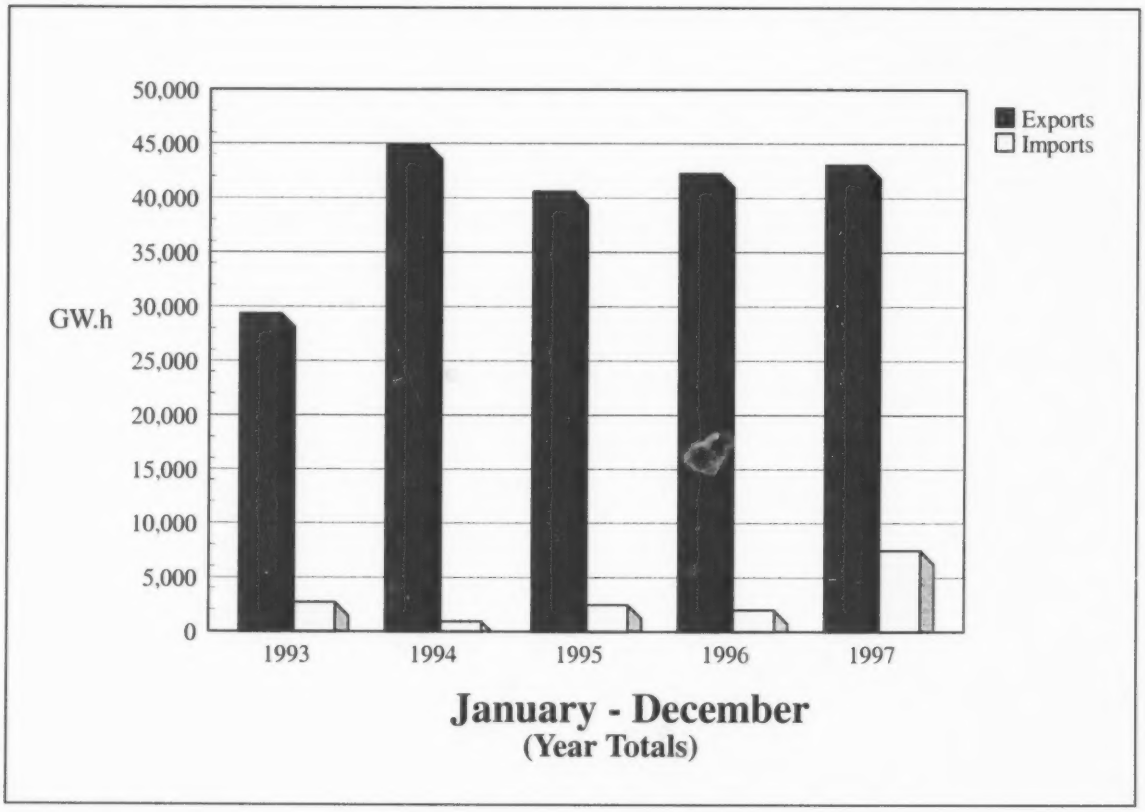
Office national de l'énergie

Electricity Exports and Imports

Monthly Statistics for:

December 1997

Exports: **3648** GW.h
Imports: **660** GW.h



National Energy Board
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CANADA

TABLE 1
Exports and Imports of Electricity
Summary: Canada
DECEMBER 1997

	Exchange Type	Energy (MW.h) DEC97	Energy (MW.h) JAN97 - DEC97	Revenue (CAN$) [1] DEC97	Revenue (CAN$) [1] JAN97 - DEC97	CAN$/MW.h [2] DEC97	CAN$/MW.h [2] L12M
Exports of Electric Energy	Firm	1 522 097	16 908 005	62 594 590	693 482 577	30.30	28.39
	Interruptible	2 126 204	26 153 925	60 988 393	684 482 529	28.62	25.40
	Non-Revenue/Inadvertant	241 676	1 501 911	0	0	0.00	0.00
	Service	42 708	799 600	0	659 212	0.00	0.77
Total Exports		**3 932 685**	**45 363 441**	**123 582 983**	**1 378 624 318**	**27.20**	**25.24**
Total Sales - Firm and Interruptible		3 648 301	43 061 930	123 582 983	1 377 965 107	29.32	26.58
Imports of Electric Energy	Non-Revenue/Inadvertant	186 252	1 130 449	0	0	0.00	0.00
	Purchase	660 402	7 470 332	25 964 973	212 457 572	34.55	21.94
	Service	53 600	838 701	31 442	250 654	0.59	0.30
Total Imports		**900 254**	**9 439 483**	**25 996 415**	**212 708 226**	**25.38**	**17.39**
Excess of Exports Over Imports		**3 032 431**	**35 923 959**	**97 586 568**	**1 165 916 092**		

Number of Export Licences: 17

Number of Export Permits/Orders: 81

98

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

For further information, contact:
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(403) 299 - 3171

National Energy Board
Office national de l'énergie

CANADA

TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MWh) DEC'97	Energy (MWh) JAN'97 - DEC'97	Revenue (CAN$) [1] DEC'97	Revenue (CAN$) [1] JAN'97 - DEC'97	CAN$/MWh [2] DEC'97	CAN$/MWh [2] L12M
Alberta								
TransAlta	Permit 74	F	0	600	0	36 000	0.00	60.00
TransAlta Ener.		F	39 574	164 497	604 623	2 748 824	15.28	16.71
TransCanada	Permit 78	I	0	21 500	0	523 084	0.00	24.33
Subtotal Firm and Interruptible Exports: Alberta			**39 574**	**186 597**	**604 623**	**3 307 908**	**15.28**	**17.73**
British Columbia								
BC Hydro	Permit 105	F	108	1 629	10 739	92 310	99.21	56.68
	Treaty	N	37 074	303 369	0	0	0.00	0.00
BC Hydro/Powerx	Permit 43	I	1 207 088	8 779 481	33 570 457	213 292 243	27.81	24.29
	Permit 44	F	21 427	21 427	691 999	691 999	32.30	32.30
Cominco	Permit 57	I	41 105	244 800	1 057 194	5 572 475	25.72	22.76
Powerex	Permit 71	F	0	10 546	0	390 623	0.00	37.04
	Permit 92	F	85 560	753 365	0	0	0.00	0.00
	Permit 95	F	7 520	44 000	273 270	1 863 587	36.34	42.35

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h) DEC'97	Energy (MW.h) JAN97 - DEC'97	Revenue (CAN$) [1] DEC'97	Revenue (CAN$) [1] JAN97 - DEC'97	CAN$/MW.h [2] DEC'97	CAN$/MW.h [2] 1 1250
West Kootenay	Permit 13	F	16	39	955	2 274	60.96	58.57
	Permit 66	I	0	15 022	0	162 847	0.00	10.84
Subtotal Firm and Interruptible Exports: British Columbia			**1 362 824**	**9 870 309**	**35 604 613**	**222 068 358**	**26.13**	**22.50**
Manitoba								
Manitoba Hydro	Licence 170	F	284 113	3 307 583	12 033 480	149 769 239	22.03	22.42
	Permit 33	F	0	226 726	0	4 255 581	0.00	18.70
	Permit 34	F	0	141 333	0	2 752 937	0.00	19.95
	Permit 35	F	0	146 833	0	3 156 987	0.00	21.34
	Permit 45	F	127 306	1 459 089	2 808 666	30 336 010	21.31	20.68
	Permit 46	I	565 424	6 223 891	11 845 627	111 412 439	20.82	17.87
		N	-9 591	-66 522	0	0	0.00	0.00
		S	0	25 415	0	84 495	0.00	3.49
	Permit 52	F	0	47 665	0	1 994 249	0.00	22.75
	Permit 61	F	357	4 516	15 427	204 164	43.20	49.21
	Permit 68	F	8 739	99 427	453 788	3 802 765	22.41	17.64
	Permit 72	F	7	7	773	773	111.15	111.15
Subtotal Firm and Interruptible Exports: Manitoba			**985 946**	**11 657 190**	**27 197 761**	**307 685 184**	**21.26**	**19.56**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Imports)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue ($ CAN) [1]		$ CAN/MW.h [2]	
			DEC'97	JAN'97 - DEC'97	DEC'97	JAN'97 - DEC'97	DEC'97	JAN'97 - DEC'97
New Brunswick								
Fraser Inc.	Permit 102	F	31 065	299 635	1 953 069	24 029 066	62.87	80.19
Maine & NB	Licence 177	F	650	77 525	92 592	2 288 668	16.58	29.51
NB Power	Permit 15	I	26 740	871 455	1 226 284	34 339 545	45.78	39.40
		N	- 287	1 871	0	0	0.00	0.00
	Permit 16	I	38 839	535 696	1 926 295	16 426 681	49.59	42.97
		N	10 060	40 022	0	0	0.00	0.00
	Permit 17	S	10 671	87 861	0	0	0.00	0.00
	Permit 19	I	2 607	66 765	176 646	3 277 605	54.26	49.22
		N	- 75	- 229	0	0	0.00	0.00
	Permit 20	F	6	65	659	7 360	119.86	120.67
	Permit 87	F	8 052	68 229	618 909	6 981 611	91.61	92.92
	Permit 88	I	0	22 456	0	1 007 013	0.00	48.77
	Permit 91	I	86 591	2 060 297	5 408 262	94 681 627	62.60	45.99
Subtotal Firm and Interruptible Exports: New Brunswick			**350 017**	**5 707 692**	**11 570 510**	**185 168 733**	**57.83**	**42.79**
Ontario								
Cdn. Niagara	Permit 84	F	17 919	206 195	611 835	6 666 139	22.96	23.67

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-discretion (Non-Revenue or Exchanges)
S - Services (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (C $/Gj) [1]		C $/Gj/US$ [2]	
			DEC 97	JAN97 - DEC 97	DEC 97	JAN97 - DEC 97	DEC 97	
Ont. Niagara	Permit 69	S	15 234	159 693	0	0	0.00	0.00
Cornwall Elec.	Permit 82	I	252	19 797	3 967	525 458	17.01	20.17
	Permit 83	S	7 769	117 156	0	0	0.00	0.00
O&W Subway	Permit 26	F	150	1 753	0	0	0.00	0.00
Ont. Hydro/OHSS	Permit 21	I	2 681	2 930 928	120 000	87 828 768	26.66	23.00
		S	13 796	87 622	0	77	0.00	0.00
Ontario Hydro		I	0	2 737 629	0	68 414 893	0.00	24.99
		S	0	61 720	0	60 040	0.00	0.97
	Permit 22	St	208 079	1 082 162	0	0	0.00	0.00
	Permit 26	F	0	201	0	401	0.00	2.00
Nova Cornwall	Permit 77	I	0	156	0	6 242	0.00	40.00
National Firm and Interruptible Exports Ontario			**29 781**	**7 765 574**	**120 197**	**161 449 809**	**23.28**	**20.83**
Quebec								
Hydro Quebec	Licence 176	F	637 868	5 522 377	14 698 458	172 650 129	23.36	31.25
	Licence 178	F	0	779 916	0	40 987 424	0.00	52.57
	Licence 180	F	131 440	1 888 089	3 033 627	99 696 676	23.34	52.81
	Licence 181	F	31 668	330 852	2 440 998	29 075 408	23.34	35.22

Footnotes:
1 - Includes capacity and energy charges
2 - Average value for the month and the year (12 months) excludes capacity charges

Exchange:
F - Firm Sales
I - Interruptible Sales
P - Purchase Imports
S - Non-Revenue (Non-Revenue or Displacement)
T - Services Optioning Revenues, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 82 not available

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TABLE 2A

Export Summary Report

by Source, Authorization and Exchange Type

Page 1
Version

Source	Authorization	Exchange Type	Energy (GJ) [1] (000 $)	Energy (GJ) [1] (2007 - 000 $)	Revenue ($) [2] (000 $)	Revenue ($) [2] (2007 - 000 $)	$ (USD/GJ) [3] (000 $)	$ (USD/GJ) [3]
Hydro Quebec	Licence - EE	E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Licence - EP	E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Licence - EW	E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Permit - EI	E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Permit - EI	I	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Permit - EI	O	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Firm and Interruptible Exports - Quebec			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Southeast Pipelines								
Trans Québec	Licence - EE	E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Licence - EP	I	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Permit - EI	O	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Subtotal Firm and Interruptible Exports - Southeast Pipelines			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Firm and Interruptible Exports			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Footnotes:
1 - Includes capacity and energy charges
2 - Revenue value may be rounded upwards
3 - Includes commodity charges

E - Firm Sales
I - Interruptible Sales
O - Firm Power Imports
N - Non-Discretionary Firm Revenue or Supplemental
S - Service Operating Revenues, Storage, Cost Alocated, Transmission, etc.)

Additional Notes:
- Revenue data for Permit EI not available

TABLE 2B

Regional Summary Report
by Destination, Authorization and Exchange Type

Page 1
2025-05-01

Destination	Authorization	Exchange Type	Energy (GWh)		Revenue ($ CAD) [1]		Curtailment [2]	
			2025-05	2025-01 - 2025-05	2025-05	2025-01 - 2025-05	2025-05	2025-01
Alberta								
Trans-Alta		D	324	1,687	11,340	58,905	12	47
Fossil Creek		D	892	4,210	31,220	147,350	31	118
Subtotal Purchased Hyperion - Alberta			1,216	5,897	42,560	206,255	43	165
British Columbia								
BC Hydro		D	41	214,600	980	7,504	0	0
BC Hydro/Powex		D	2,140	1,237,000	74,900	43,295,000	214	1,238
Cowlitz		D	0	8,112	0	283,920	0	0
Rio Grassway		D	3,780	18,450	132,300	645,750	378	1,845
Subtotal Purchased Hyperion - British Columbia			5,961	1,478,162	208,635	51,731,674	592	3,083
Montana								
Montana Hydro		D	1,120	5,600	0	0	112	560
		D	0	2,100	3,920	73,500	0	210

Footnotes:
[1] Includes capacity and energy charges.
[2] Energy value at $35.00/MWh for curtailed volumes.

D - Day-Ahead
I - Intraprovincial Swap
H - Hyperion Dispatch
W - Wind Energy, Wind Warranty or Replacement
S - Service - Lightning Arrestors, Outages, Unit Rebuilds, Transformers, etc.

Authorized Parties:
Hyperion Int'l Power Trading Limited

[redacted]

Import Summary Report
by Destination, Authorization and Exchange Type

[redacted]

Destination	Authorization	Exchange Type	Cargo (MT)		Revenue (CAD)		Containers	
			(MT)	(AMT - MT)	(MT)	(AMT - MT)	(MT)	(AMT)
[redacted]								
[redacted]								
[redacted]							

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TABLE 2B

Import Summary Report
by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue ($ '000) [1]		$ '000/MW.h [2]	
			(MW.h)	(current - (MW.h)	(MW.h)	(current - (MW.h)	(MW.h)	(.)
Ontario-Hydro		H	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
National Purchased Imports - Ontario			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Quebec								
Hydro-Quebec		H	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
National Purchased Imports - Quebec			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Saskatchewan								
Sask. Power		H	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
National Purchased Imports - Saskatchewan			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Purchased Imports			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Exchange Type:
F - Firm Sales
I - Interruptible Sales
P - Diversion Imports
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Services (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
Revenue for Period '0' not available.

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TABLE 3A
Export Sales Summary Report
by Destination and Source

Destination	Source	Energy (MW.h)		Revenue ($ '000) [1]		$/MW.h [2]	
		Dec 97	Jan 97 - Dec 97	Dec 97	Jan 97 - Dec 97	Dec 97	Jan 97 - Dec 97
Alaska	British Columbia	100	1 629	10 739	92 568	99.21	56.68
Subtotal Exports: Alaska		100	1 629	10 739	92 568	99.21	56.68
Arizona	British Columbia	0	167 200	0	3 646 447	0.00	22.34
Subtotal Exports: Arizona		0	163 200	0	3 646 447	0.00	22.34
California	British Columbia	166 625	1 654 872	5 396 449	43 458 177	29.22	26.26
Subtotal Exports: California		166 625	1 654 872	5 396 449	43 458 177	29.22	26.26
Colorado	British Columbia	0	43 823	0	999 842	0.00	23.24
Subtotal Exports: Colorado		0	43 823	0	999 842	0.00	23.24
Idaho	Alberta	0	80	0	1 340	0.00	16.76
	British Columbia	26 582	169 733	610 985	3 713 536	29.69	21.88
Subtotal Exports: Idaho		26 582	169 813	610 985	3 715 876	29.69	21.88
Iowa	Manitoba	26 506	163 062	307 874	1 946 447	15.01	11.79
Subtotal Exports: Iowa		26 506	163 062	307 874	1 946 447	15.01	11.79
Kansas	Manitoba	0	350	0	6 527	0.00	7.98
Subtotal Exports: Kansas		0	350	0	6 527	0.00	7.98
Maine	New Brunswick	108 826	1 741 710	5 970 252	80 609 705	52.57	44.79
Subtotal Exports: Maine		105 826	1 741 710	5 970 252	80 609 705	52.57	44.79
Massachusetts	Quebec	0	163 669	0	6 004 389	0.00	34.50
Subtotal Exports: Massachusetts		0	163 669	0	6 004 389	0.00	34.50

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges).

Additional Notes:
- Revenue for Permit #2 not available.

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CANADA

TABLE 3A
Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) DEC'97	Energy (MW.h) JAN97 - DEC'97	Revenue (CAN$) [1] DEC'97	Revenue (CAN$) [1] JAN97 - DEC'97	CAN$/MW.h [2] DEC'97	CAN$/MW.h [2] 12M
Mexico	British Columbia	0	53 430	0	1 728 412	0.00	32.35
Subtotal Exports: Mexico		**0**	**53 430**	**0**	**1 728 412**	**0.00**	**32.35**
Michigan	Ontario	153	3 384 292	0	95 423 273	0.00	22.71
Subtotal Exports: Michigan		**153**	**3 384 292**	**0**	**95 423 273**	**0.00**	**22.71**
Minnesota	Manitoba	777 472	9 810 809	22 765 408	273 202 664	21.34	19.82
	Ontario	50	198 378	51 627	6 418 532	41.30	29.10
Subtotal Exports: Minnesota		**777 522**	**10 009 187**	**22 817 036**	**279 621 196**	**21.35**	**20.60**
Missouri	Manitoba	720	1 160	14 173	23 292	19.68	20.08
Subtotal Exports: Missouri		**720**	**1 160**	**14 173**	**23 292**	**19.68**	**20.08**
Montana	British Columbia	4 748	14 170	136 080	377 336	28.64	26.63
	Manitoba	0	6	0	5 772	0.00	39.92
Subtotal Exports: Montana		**4 748**	**14 176**	**136 080**	**383 108**	**28.64**	**26.63**
Nebraska	Manitoba	61	608	2 484	23 023	40.73	37.87
Subtotal Exports: Nebraska		**61**	**608**	**2 484**	**23 023**	**40.73**	**37.87**
New England	New Brunswick	86 391	2 056 177	5 408 262	84 499 428	62.60	41.10
	Ontario	0	1 023 404	0	26 160 567	0.00	25.40
	Quebec	813 226	7 116 484	29 902 696	232 976 171	36.77	32.74
Subtotal Exports: New England		**899 617**	**10 196 065**	**35 310 958**	**343 636 166**	**39.25**	**33.69**
New York	Ontario	20 747	1 162 458	484 003	30 522 434	23.33	26.28
	Quebec	22 137	1 882 234	843 283	76 840 031	38.09	34.20
Subtotal Exports: New York		**42 884**	**3 044 692**	**1 327 287**	**107 362 466**	**30.95**	**31.15**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:
- Revenue for Permit 92 not available.

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CANADA

TABLE 3A

Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) DEC'97	Energy (MW.h) JAN97 - DEC'97	Revenue (CANS) [1] DEC'97	Revenue (CANS) [1] JAN97 - DEC'97	CANS/MW.h [2] DEC'97	CANS/MW.h [2] L12M
North Dakota	Manitoba	4 492	192 029	141 356	4 980 485	27.80	20.71
	Saskatchewan	2 520	78 436	90 330	1 894 809	35.85	24.16
Subtotal Exports: North Dakota		**7 012**	**270 465**	**231 686**	**6 875 294**	**30.69**	**21.71**
Oregon	Alberta	875	23 100	17 460	423 715	19.95	18.34
	British Columbia	78 957	739 075	2 119 586	17 609 287	26.84	23.83
	Manitoba	0	10 327	0	150 175	0.00	14.54
Subtotal Exports: Oregon		**79 832**	**772 502**	**2 137 046**	**18 183 177**	**26.77**	**23.54**
Pennsylvania	Ontario	31	113 818	706	2 638 232	22.79	23.14
Subtotal Exports: Pennsylvania		**31**	**113 818**	**706**	**2 638 232**	**22.79**	**23.14**
South Dakota	Manitoba	300	78 462	5 600	1 256 771	18.67	15.93
Subtotal Exports: South Dakota		**300**	**78 462**	**5 600**	**1 256 771**	**18.67**	**15.93**
Texas	Manitoba	89 602	519 949	1 952 617	8 175 094	21.79	15.71
Subtotal Exports: Texas		**89 602**	**519 949**	**1 952 617**	**8 175 094**	**21.79**	**15.71**
Utah	British Columbia	0	28 480	0	688 048	0.00	24.16
Subtotal Exports: Utah		**0**	**28 480**	**0**	**688 048**	**0.00**	**24.16**
Vermont	Ontario	0	18 225	0	476 963	0.00	25.26
	Quebec	202 302	2 375 709	17 318 058	199 368 934	35.79	33.89
Subtotal Exports: Vermont		**202 302**	**2 393 934**	**17 318 058**	**199 845 897**	**35.79**	**33.82**
Washington	Alberta	38 699	163 417	587 163	2 882 852	15.17	17.64
	British Columbia	1 073 804	7 002 699	27 332 855	149 762 530	25.45	21.39

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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CANADA

TABLE 3A

Export Sales Summary Report by Destination and Source

Destination	Source	Energy (MW.h) DEC97	Energy (MW.h) JAN97 - DEC97	Revenue (CAN$) [1] DEC97	Revenue (CAN$) [1] JAN97 - DEC97	CAN$/MW.h [2] DEC97	CAN$/MW.h [2] L12M
Washington	Saskatchewan	4 375	32 836	146 767	1 070 668	33.55	32.61
Subtotal Exports: Washington		**1 116 878**	**7 198 952**	**28 066 785**	**153 716 051**	**25.13**	**21.35**
Wisconsin	Manitoba	92 793	878 428	1 968 249	17 913 055	21.09	20.33
Subtotal Exports: Wisconsin		**92 793**	**878 428**	**1 968 249**	**17 913 055**	**21.09**	**20.33**
Total Exports		**3 648 301**	**43 061 930**	**123 582 983**	**1 377 965 107**	**29.32**	**26.58**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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CANADA

TABLE 3B

Import Purchases Summary Report by Source and Destination

Source	Destination	Energy (MW.h) DEC97	Energy (MW.h) JAN97 - DEC97	Revenue (CAN$) [1] DEC97	Revenue (CAN$) [1] JAN97 - DEC97	CAN$/MW.h [2] DEC97	CAN$/MW.h [2] L12M
Idaho	British Columbia	0	100	0	739	0.00	7.39
Subtotal Imports: Idaho		**0**	**100**	**0**	**739**	**0.00**	**7.39**
Maine	New Brunswick	1 047	7 651	41 607	385 588	39.74	50.40
Subtotal Imports: Maine		**1 047**	**7 651**	**41 607**	**385 588**	**39.74**	**50.40**
Michigan	Ontario	402 970	2 004 494	14 315 537	63 057 399	35.53	31.46
Subtotal Imports: Michigan		**402 970**	**2 004 494**	**14 315 537**	**63 057 399**	**35.53**	**31.46**
Minnesota	Manitoba	0	8 500	0	123 625	0.00	14.54
	Ontario	5 400	111 406	95 467	2 449 509	17.68	21.99
Subtotal Imports: Minnesota		**5 400**	**119 906**	**95 467**	**2 573 134**	**17.68**	**21.46**
Montana	Alberta	282	3 007	11 228	129 109	39.75	42.94
	British Columbia	11	179	848	12 541	77.09	70.06
Subtotal Imports: Montana		**293**	**3 186**	**12 076**	**141 650**	**41.15**	**44.46**
Nebraska	Manitoba	0	0	10 861	52 572	0.00	0.00
Subtotal Imports: Nebraska		**0**	**0**	**10 861**	**52 572**	**0.00**	**0.00**
New England	Quebec	0	185	0	4 418	0.00	23.88
Subtotal Imports: New England		**0**	**185**	**0**	**4 418**	**0.00**	**23.88**
New York	Ontario	17 831	977 667	1 067 984	32 969 867	59.89	33.72
	Quebec	130 694	517 407	4 469 443	13 582 417	34.20	26.25
Subtotal Imports: New York		**148 525**	**1 495 074**	**5 537 427**	**46 552 284**	**37.28**	**31.14**
North Dakota	Manitoba	0	325	0	5 476	0.00	16.85

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 3B
Import Purchases Summary Report by Source and Destination

Source	Destination	Energy (MW.h) DEC'97	Energy (MW.h) JAN'97 - DEC'97	Revenue (CAN$) [1] DEC'97	Revenue (CAN$) [1] JAN'97 - DEC'97	CAN$/MW.h [2] DEC'97	CAN$/MW.h [2] L12M
North Dakota	Saskatchewan	6 785	151 833	156 484	3 077 534	23.06	20.23
Subtotal Imports: North Dakota		**6 785**	**152 158**	**156 484**	**3 083 010**	**23.06**	**20.22**
Pennsylvania	Ontario	0	500	0	16 910	0.00	33.82
Subtotal Imports: Pennsylvania		**0**	**500**	**0**	**16 910**	**0.00**	**33.82**
South Dakota	Manitoba	0	325	0	5 284	0.00	16.26
Subtotal Imports: South Dakota		**0**	**325**	**0**	**5 284**	**0.00**	**16.26**
Texas	Manitoba	0	0	0	8 175	0.00	0.00
Subtotal Imports: Texas		**0**	**0**	**0**	**8 175**	**0.00**	**0.00**
Vermont	Quebec	0	119 648	2 857 223	52 058 202	0.00	35.57
Subtotal Imports: Vermont		**0**	**119 648**	**2 857 223**	**52 058 202**	**0.00**	**35.57**
Washington	Alberta	460	51 006	15 152	986 336	32.94	19.34
	British Columbia	94 251	3 510 903	2 903 964	43 361 055	27.82	12.16
	Saskatchewan	670	5 196	19 175	170 816	28.62	32.87
Subtotal Imports: Washington		**95 381**	**3 567 105**	**2 938 291**	**44 518 207**	**27.85**	**12.29**
Total Imports		**660 402**	**7 470 332**	**25 964 973**	**212 457 572**	**34.55**	**21.94**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 4
Source of Production Report [1]
Canadian Exports

	DEC'97		
Fuel Type	Energy (MW.h)	Revenue (CAN$) [2]	CAN$/MW.h [2]
Hydraulic	3 257 336	93 167 778	28.60
Imported Coal	93	2 299	24.72
Imported Oil	19 290	979 149	50.76
Other	274 619	9 557 759	34.80
Total	**3 551 338**	**103 706 985**	**29.20**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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TABLE 5
Source of Production Report [1] by Exporter

Exporter	Fuel Type	Authorization	DOE'97 Energy (MW.h)	DOE'97 Revenue ($CAN) [2]	DOE'97 $CAN/MW.h [2]
BC Hydro/Powerex	Hydraulic	Permit 43	1 194 755	33 227 462	27.81
		Subtotal	**1 194 755**	**33 227 462**	**27.81**
	Other	Permit 43	12 333	342 994	27.81
		Permit 44	21 427	691 999	32.30
		Subtotal	**33 760**	**1 034 993**	**30.66**
	Subtotal		**1 228 515**	**34 262 456**	**27.89**
Cominco	Hydraulic	Permit 57	41 105	1 057 194	25.72
		Subtotal	**41 105**	**1 057 194**	**25.72**
	Subtotal		**41 105**	**1 057 194**	**25.72**
Hydro-Quebec	Hydraulic	Licence 176	437 908	14 694 434	33.56
		Licence 180	101 440	3 746 916	36.94
		Licence 181	30 008	1 108 413	36.94
		Licence 182	14 647	541 020	36.94
		Licence 183	26 024	961 255	36.94
		Licence 184	14 808	546 967	36.94
		Permit 64	153 259	5 607 200	36.59
		Permit 65	259 392	10 766 668	41.51
		Subtotal	**1 037 486**	**37 972 810**	**36.60**
	Subtotal		**1 037 486**	**37 972 810**	**36.60**

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.